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JUN 10

Lancaster Farming

VOL. 36 No. 29 | Five Sections | Lancaster Farming, Saturday, June 1, 1991 | 60¢ Per Copy | 19.00 Per Year

Here's Our "Hats-Off-To-The-Dairy-Industry" Issue. Read And Enjoy.

The four-generation Kilgore family got together for this portrait on their 300-acre McCalls Ferry farm located near the Susquehanna River at Holtwood in York Co. They have 140 registered and grade Holsteins that include McCalls Ferry Likabal Frizzy, the first place junior calf at the York County Holstein Show last year.

In the photo are left to right, in front, Rebecca, York County Little Dairy Miss, age 8; and Raechel, age 6. In back of Frizzy is Emory, grandfather, age 89, and ready to go rake hay as soon as this photo session was over; Eugene; Douglas and Pam.

Photo by Everett Newswanger, managing editor.

Area Dairy Farmers Battle Low Milk Prices

JOYCE BUPP
York Co. Correspondent

YORK (York Co.) — What a difference a year makes.

June Dairy Month, 1990, saw area dairy farmers coming out of a spring of mediocre-quality feed supplies from a previous wet season, but riding a Minnesota-Wisconsin price series of $13.28.

Since then dairy farm budgets have taken a walloping, as farm milk prices dropped like a rock when the basic Minnesota-Wisconsin formula price took a record plunge last fall - and kept sinking. The September M-W of $12.50 nosedived $2.02 in a single month, to October's $10.48 level and has slid steadily downward.

And while most area dairy producers welcomed this spring with more quality feedstuffs, the M-W price hit $10.02 for May. A 2-cent nudge-up, to $10.04 for June, offers a glimmer of optimism - just in time for Dairy Month, 1991.

But despite the price predicament of the last six months, and ongoing debates on remedies, producers are generally in agreement on one issue.

While cash flow has been extremely tight, most are finding ways to hang on.

In the intrepid spirit of the American dairy farmer, they're tightening belts, refinancing payments, delaying some purchases - and eyeballing management details with the proverbial fine-toothed comb.

Many, like young dairy farmer Doug Kilgore of Airville, are making adjustments in their feeding programs.

"We've changed our feeding system," affirms Kilgore. "We're buying imputs like beans and minerals and mixing our own, rather than purchasing prepared mixes. We keep pushing to try to get the most from what we have. And we're not spending for anything that isn't absolutely necessary."

At the Kilgore's Airville R2 residence, it also means "putting little projects on hold," like a porch Kilgore and his wife Pam had planned to add to their farm home.

A bright spot Kilgore sees is the steadiness of over-order premiums in the Federal Order 4 area, adding dollars to milk checks that otherwise would have been lost.

"I hope we can hold on to those," he emphasizes.

Melvin and Barb Marks, also of Airville, are tackling milk price drops with a switch to a 3-X milking schedule, implemented in late February. Not only has production gone up an average of 14 pounds per cow, but improved udder health is a bonus.

"Our Somatic Cell Count dropped 20 percent," says Marks, putting the average near an impressive 100,000 for the 50-head Holstein herd.

"We also somewhat changed the feeding; we're using a total mixed ration to maximize feed imputs," Marks adds. "Overall grain use is down and we're getting more forages in the cows."

While vet visits have been reduced somewhat, Marks is watching that cutback very carefully. "We could lose money there," he acknowledges, if cow health and reproduction efficiency suffer.

Part-time labor hours are kept to a minimum and Barb Marks is working part-time off the farm. The couple and their two small daughters have also put on hold a family vacation they hoped to take to visit Michigan relatives.

"We're trying to play it as conservative as possible," says Thomasville dairyman Ted Haberland, Jr.

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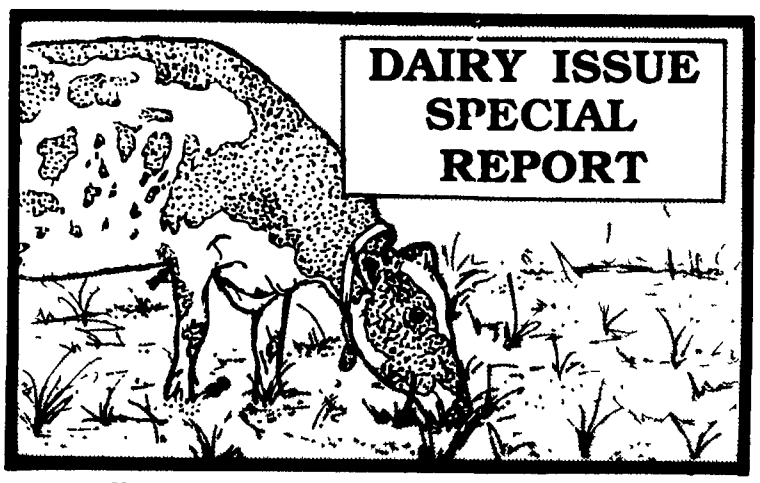

Forages And Dairying: Is There A Place For Pastures?

L.D. Muller,
and S. L. Fales
The Pennsylvania State University

High quality forage is still a key to efficient, profitable milk production. Regardless of the changes and new technological developments in the dairy industry in the next 10 to 20 years, high quality forages will still be essential. A key question for future dairy farm management is how dairy producers should utilize their land resources to supply high quality forages that will, when balanced with grains and/or purchased feeds, maximize profitability. The four basic forages available to dairy farmers include hays, hay crop sil-

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Hog Markets

Indiana Hogs

Louisville, Kentucky
Wednesday, May 29, 1991

INDIANA DIRECT HOGS 51 BARROWS AND GILTS· MOSTLY STEADY TO 25 HIGHER. DEMAND MODERATE.

COUNTRY. PLANTS: US 1-2 220-260 LBS 53 75-55 50 54 00 56.00.

210-220 LBS. 51 75-53 50; US 1-3 220-260 LBS 52.75-54 00

SOWS: STEADY

US 1-3 300-500 LBS. 39 00-44 00, 500-650 LBS. 43.00-46.00, FEW 47 00.

**INDIANA DIRECT RECEIPTS TUESDAY'S ACTUAL 26,800 TODAYS ESTIMATE 20,500 WEDNESDAY WEEK AGO 17,700 WEDNESDAY YEAR AGO 13,900 WEEK TO DATE 53,400 SM PD WEEK AGO 55,500 SM PD YEAR AGO 42,600

**RECEIPTS FOR A YEAR AGO WILL NOT COMPARE TO THIS WEEK DUE TO A CHANGE IN THE REPORTING BASE

CARCASS BASIS HOG PRICES. HOT WEIGHTS PLANT DELIVERED 160-185 LBS BARROWS AND GILTS STEADY.

US 1 (BACKFAT THICKNESS .50- .79 IN) 77 78 TO 80.47 US 1 (BACKFAT THICKNESS 80- .99 IN.) 76 08 TO 77.78 US 2 (BACKFAT THICKNESS 1.00-1.24 IN) 74 90 TO 76 48 US 3 (BACKFAT THICKNESS 1.25-1 49 IN.) 73 90 TO 74 90 US 4 (BACKFAT THICKNESS 1 50-1.79 IN.) 70 01 TO 73.90.

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

New Holland Hogs

Monday, May 27, 1991

880 HEAD.

RETAIL: 1&2 210-245 LBS. 58 00-59.25.

WHOLESALE: 1&2 210-250 LBS. 56 00-57.50; 1&3 210-250 LBS. 55 00-57.00

HEAVY 1&2 260-230 LBS. 48 00-52.00, FEW HEAVY 1&3 280-325 LBS 45.00-47 00.

HEAVY SOWS 44 00-46 25, LIGHT 40 00-44 00

BOARS 38 00-41 00

State Graded Feeder Pig Sale

at Carlisle Livestock Auction
Friday, May 24, 1991

RESULTS ON 1,848 PIGS

TREND. COMPARED TO THE MAY 10TH STATE GRADED SALE, PIGS WERE 10 00-15 00 LOWER EXTREMES 20 00 LOWER. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US NO. 1&2'S 1,159 HD. 38 HD 36-38 LB. 108.00-120.00; 301 HD 40-49 LB 93.00-123.50; 83 HD. 43-49 LB. 82 00-89.00, 618 HD. 50-59 LB 93 00-115.50; 119 LB 60-69 LB. 90 00-104.00.

US NO. 2'S 531 HD. 57 HD. 27-39 LB. 80 00-100.00, 42 HD. 49 LB 79.00-83 00; 211 HD. 40-49 LB. 85.00-100.50; 221 HD. 50-72 LB. 76.00-92 00.

US NO. 2&3'S 91 HD. 6 HD. W/TAILS 17-29 LB 83.00-94.00, 85 HD. 31-59 LB 54 00-83 00 (SMALL LOTS W/TAILS)

UTILITIES. 27 HD 47-55 LB. 53 00-70.00

AS IS: 40 HD. 39-72 LB 30.00-65 00.

NEXT STATE GRADED FEEDER PIG SALE, FRIDAY, JUNE 14, 1991, 1 30 P M., GRADING 7.30 UNTIL 11 30 A M

New Holland Feeder Pig Auction

Lancaster, Pa.
Wednesday, May 29, 1991

Feeder Pigs:

Today	993
Last Wednesday	1132
Last Year	909

TREND: Compared to last Wednesday 25-40 lb feeder pigs 20.00-30.00 lower, 40-65 lb 8.00-15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 13 29 102.00. 75 30-39 98.00-106.00, 21 38 112.00. 152 41-43 96.00-102 00. 67 52-54 104.00-110.00, 25 51-54 96.00-100.00. 61 63-64 84.00-90.00.

US 2 36 27-29 100.00-102.00. 151 30-39 90.00-100.00. 81 41-49 90.00-96.00. 7 61 94.00.

US 2-3 47 34-37 84 00-92.00. 66 41-47 86.00-94.00.

SLAUGHTER 27 21-22 155.00-162.00.

Lancaster Hogs

Lancaster Stockyards
Sat., May 18, 1991
Report supplied by auction

500 HEAD.

US 1 215-245 LBS. 58.50-60.50

US 1-2 215-245 LBS. 55.75-56.25

US 1-3 215-245 LBS. 54.75-55.75.

US 2-4 215-255 LBS. 53.25-54.25.

HEAVY HOGS: 270-285 LBS. 49 00-50.25; 300-350 LBS. 43.00-45 00.

GOOD SOWS: 45 00-47.50.

MEDIUM SOWS: 40 00-45 00.

THIN SOWS: 35.00-40.00.

BOARS (ALL WEIGHTS): 38 00-40 25

Peoria Hogs

Peoria, Illinois
Thursday, May 30, 1991

MIDSESSION AND CLOSE HOGS 1500 TRADING MODERATE BARROWS AND GILTS 25 TO .50 LOWER COMPARED WITH WEDNESDAY.

US 1-3 220-250 LBS 55.00-55.50, 120 HEAD 55.75 2-3 230-260 LBS 54 50-55.00 260-280 LBS 52 50-54 50.

SOWS STEADY TO 50 HIGHER 20%. US 1-3 325-650 LBS 47 00-47 50.

BOARS: OVER 350 LBS 44.00 UNDER 350 LBS 45 50-46

HOG 214: HC 55.00-55.75

Hay & Grain Markets

Regional Hay

May 28, 1991
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY & STRAW MOSTLY STEADY TO WEAK; SOME NEW CROP ON MARKET; PRICES NOT FULLY ESTABLISHED.

ALFALFA 60.00-100.00, *NC 50-75; MIXED HAY 50.00-90.00, *NC 50-75; TIMOTHY HAY 50.00-70.00; STRAW 40.00-70.00; MULCH 20.00-35.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 5/24/91. PRICES PER TON: LOADS: 129 HAY, 56 STRAW, AND 18 EAR CORN.

ALFALFA 55.00-130.00; MIXED HAY 45.00-97.00; TIMOTHY HAY 55.00-109.00; STRAW 48.00-103.00; EAR CORN 74.00-86.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 5/24/91. PRICES PER TON: LOADS: 86 HAY, 21 STRAW & 15 EAR CORN.

ALFALFA 73.00-127.50; MIXED HAY 30.00-90.00; TIMOTHY HAY 30.00-61.00; STRAW 40.00-70.00, MULCH 68.00-82.50.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, May 28, 1991
Report Supplied by Auction

23 LOADS OF HAY.

MIXED HAY: 2ND CUTTING 50.00-115.00.

TIMOTHY: 57.00-65.00.

ALFALFA: 1ST CUTTING 47.00-80.00, 2ND CUTTING 93.00.

CLOVER: 2ND CUTTING 73.00.

MIXED HAY, NEW: 80.00.

GRASS: 50.00-66.00.

WHEAT STRAW: 79.00-98.00.

OAT STRAW: 60.00.

RYE STRAW: 104.00.

EAR CORN: 81.00-90.00.

WOOD SHAVINGS: .50 A BAG.

Green Dragon Hay

Ephrata, Pa.
Friday, May 24, 1991
Report Supplied by Auction

TOTAL LOADS: 68.

MIXED HAY: 47.00-110.00.

ALFALFA: 57.00-115.00.

TIMOTHY: 55.00-127.00.

GRASS HAY: 37.00-80.00.

MEADOW HAY: 45.00.

STRAW: 49.00-125.00.

EAR CORN: 82.00-86.00.

OATS: 2.00-2.80 BU.

WOOD SHAVINGS: 31.00.

Dewart Hay

Dewart, PA.
Monday, May 27, 1991
Report Supplied by Auction

6 LOADS OF HAY, 35.00-76.00.

STRAW: 5 LOADS, 31.00-66.00.

CORN: 82.00.

Pa. Grain

May 28, 1991
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .07 HIGHER; WHEAT UNEVEN, MOSTLY STEADY TO .05 HIGHER, BARLEY STEADY TO FULLY .10 LOWER; OATS STEADY TO .05 LOWER; SOYBEANS UNEVENLY STEADY; EAR CORN MOSTLY STEADY.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.65-2 90, AVERAGE 2.80, *CONTRACT FOR HARVEST 2.50-2.65; @WHEAT NO. 2 RANGE 2.78-2.94, FEW REPORTED 2.50, AVERAGE 2.82, *CONTRACT FOR HARVEST 2.83-3.04; BARLEY NO. 3 RANGE 1.70-2.00, AVERAGE 1.91, *CONTRACT FOR HARVEST 1.65-1.85; OATS NO. 2 RANGE 1.30-1.60, AVERAGE 1.47, *CONTRACT FOR HARVEST 1.00-1.30; SOYBEANS NO. 1 RANGE 5.44-5.75, AVERAGE 5.59, *CONTRACT FOR HARVEST 5.55-5.79; FEW REPORTED GR. SORGHUM #2 *CONTRACT FOR HARVEST 2.30; *+BUCKWHEAT *CONTRACT FOR HARVEST 8.15, EAR CORN RANGE 74.00-82.00, AVERAGE 78.08.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.80, AVERAGE 2.71; @WHEAT NO. 2 RANGE 2.30-2.75, AVERAGE 2.53; BARLEY NO. 3 RANGE 1.80-2.20, AVERAGE 2.03; OATS NO. 2 RANGE 1.25-1.35, FEW REPORTED 1.50, AVERAGE 1.34; SOYBEANS NO. 1 RANGE 5.55-5.63, AVERAGE 5.59; EAR CORN RANGE 65.00-80.00, AVERAGE 72.50.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.65-2.90, AVERAGE 2.78; @ WHEAT NO. 2 RANGE 2.40-2.94, AVERAGE 2 68; BARLEY NO. 3 RANGE 1.70-2.15, AVERAGE 1.94; OATS NO. 2 RANGE 1.25-1 60, AVERAGE 1.42; SOYBEANS NO. 1 RANGE 5.40-5.80, AVERAGE 5.60; EAR CORN RANGE 70.00-82 00, AVERAGE 75.85.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.70-2 88, AVERAGE 2.79; @WHEAT NO. 2 RANGE 2.40-2.85, AVERAGE 2 62, BARLEY NO. 3 RANGE 1.80-2.15, AVERAGE 1.93; OATS NO. 2 RANGE 1 30-1 50, AVERAGE 1 42; SOYBEANS NO. 1 RANGE 5.40-5.80, AVERAGE 5 63; EAR CORN RANGE 70 00-79 00, AVERAGE 74.57.

WESTERN PENNSYLVANIA

CORN NO 2-Y RANGE M 2 40-2 80, AVERAGE 2.62, @WHEAT NO. 2 RANGE 2.30-2.65, AVERAGE 2.53; BARLEY NO. 3 RANGE 1.90-1.96, AVERAGE 1.93, OATS NO. 2 RANGE 1.05-1.60, AVERAGE 1.41, SOYBEANS NO. 1 FEW REPORTED 5.55, AVERAGE 5.55, EAR CORN RANGE 50 00-66 00, AVERAGE 58 00

MONTH AGO

CORN NO 2-Y 2.78, @WHEAT NO. #2 2.64, BARLEY NO 3 2 05; OATS NO 2 1.43, SOYBEANS NO 1 5.75, EAR CORN 76 32

YEAR AGO

CORN NO. 2-Y 3 11, @WHEAT NO #2 3 65; BARLEY NO 3 2.16; OATS NO 2 1 66, SOYBEANS NO 1 5 93; EAR CORN 85 72.

Diffenbach Auction Center

New Holland, Pa.
Monday, May 27, 1991
Report Supplied by Auction

TOTAL LOADS: 82.
ALFALFA: 65.00-140.00.
MIXED HAY: 37.00-125.00.
TIMOTHY: 42.00-115.00.
CLOVER: 60.00.
ORCHARD GRASS: 37.00-63.00.
STRAW: 40.00-80.00.
EAR CORN: 82.00-86.00.
OATS. 2 20-2.25.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

Diffenbach Auction Center

New Holland, Pa.
Wednesday, May 29, 1991
Report Supplied by Auction

TOTAL LOADS: 4.
ALFALFA: 94.00.
MIXED HAY: 50.00-60.00.
EAR CORN: 83.00.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10 00 a.m. Wednesday.

Good's Hay

Leola, Pa.
Wed., May 29, 1991
Report Supplied by Auction

54 LOADS.
ALFALFA: 78.00-130.00.
MIXED HAY: 47.00-120.00.
TIMOTHY: 70.00-85.00.
STRAW: 65.00-100.00.
CORN: 82 00-86 00.
GRASS· 60.00-67.00.
OATS: 2.40 BU.

Vintage Hay

Paradise, PA
Thurs., May 30, 1991
Report Supplied by Auction

7 LOADS.
MIXED HAY: 35.00
ALFALFA: 60.00.
GRASS HAY: 41.00-50.00.
HAY: 65.00-67.50.

Walter M. Dunlap and Sons offers all cattle feeders two marketing days - Give us a call for advice and marketing conditions.

MONDAYS OR WEDNESDAYS

Consign With Us - For The Marketing Edge

Consign Your Beef Cows
Mondays and Wednesdays
No Waiting To Unload - Good Weight Conditions

Next Feeder Cattle Sale
Friday, June 7 - 11:00 A.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times

HOOVER'S HAY AUCTION
2nd & 4th Fridays Of Each Month
12 Noon
Sellers to call to schedule loads.
Located in Dauphin Co., 1 mile east of Gratz, along Rt. 25.
Gerald Hoover,
#AU-002794L
717-365-3803

KIRKWOOD HAY AUCTION
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks

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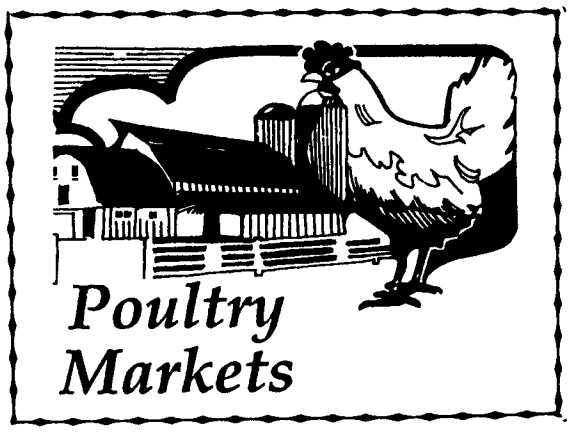


Delmarva Broiler-Fryer Market

Edison, N.J.
Wednesday, May 29, 1991

Movement of ready-to-cook broiler fryers was light to fair and about as expected for mid-week trading. Supplies were fully adequate. Less than trucklot asking prices were steady at 47 - 56 cents. Live supplies were fully adequate. Average live weights were in a desirable range. Processing schedules were heavy. Trade sentiment remained cautiously steady. In the parts complex, breast items were adequate, all other items were irregularly distributed and ranged adequate to ample.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000).

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT 05/29 05/27 05/27 05/22 05/20 2,125 (A) (A) 2,199 4.68.

BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 46-56 WEIGHTED AVERAGE 51.01 NO. OF BOXES 13,002.

(A)-Not reported to avoid disclosing individual operations.

New York & Philadelphia Frozen Egg Report

Edison, N.J.
Friday, May 24, 1991

Prices were unchanged under a generally steady but cautious trade sentiment. Buying activity was irregular and for the most part limited to immediate needs. Raw material availability usually dictated breaking schedules. Most further processors were content to work abbreviated schedules. Floor stocks were adequate to fully adequate and building

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.)

WHOLE 51-54 MOSTLY 52-53 54-59 BLEND (/) 64-73 WHITES 41-43 MOSTLY 42-43 44-49 SUGARED YOLKS (MIN 43% SOLIDS) 67-70 MOSTLY 68-69 70-75 SALTED YOLKS (MIN 43% SOLIDS) 62-65 MOSTLY 63-64 65-70

(/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

National Egg Market

Wednesday, May 29, 1991

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady. Demand was fair to good, mostly moderate and best where retail features were in progress, and where post-holiday fill-in orders were fairly active. Supplies were short to occasionally adequate on jumbo and extra-large, adequate for large, and adequate to fully adequate for the smaller sizes. Breaking stock supplies were adequate under a steady market tone. Live hen markets were barely steady, and offerings were plentiful for the light and unaggressive demand.

Philadelphia Eggs

Thursday, May 30, 1991
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY TO FULLY STEADY ON THE BIG EGGS, AND STEADY AT BEST FOR MEDIUMS. DEMAND WAS MOSTLY MODERATE. SUPPLIES OF EXTRA LARGE WERE SHORT TO ADEQUATE, LARGE WERE ADEQUATE, AND MEDIUMS WERE ADEQUATE TO AMPLE. A EXTRA LARGE .66½ -.70, A LARGE .64½ -.68, A MEDIUM .52-.55.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, May 29, 1991
Report Supplied by Auction

HEAVY FOWL: .35-.85.
LIGHT FOWL: .10.
MIXED FOWL: 1.05.
BANTAMS EACH: 1.00-1.25.
BROILERS: .40.
ROASTERS: .35-.60.
CHICKS EACH: .30-.70.
GOSLINGS EACH: 1.50-2.00.
BUNNIES, EACH: .50-.75.
ROOSTERS: .40-1.05.
GEESE EACH: 2.00-3.75.
TURKEYS: .10-.60.
DUCKS: .60-1.00.
RABBITS: .40-1.25.
PIGEONS: 3.20.
DUCKLINGS: 2.75.

WHITE EGGS: EXTRA LARGE & JUMBO .55-.82; LARGE .35-.70; MEDIUM .30-.58; PULLETS .25.

BROWN EGGS: EXTRA LARGE & JUMBO .58-.78; LARGE .43-.75; MEDIUMS .30-.34; PULLETS .13-.26.

Weekly New York Egg Market Northeast Quotes

From Fri., May 24 to Thurs., May 30

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.82	C	.82	.82	.83
EX. LARGE	.78	L	.78	.78	.79
LARGE	.71	O	.71	.71	.72
MEDIUM	.59	S	.59	.59	.58
PULLETS	.54	E	.54	.54	.53
OFF GRADE	.59	D	.59	.59	.60
BROWN					
EXTRA LARGE	.80		.80	.80	.80
LARGE	.76		.76	.76	.76
MEDIUM	.66		.66	.66	.66
OFF GRADE					
UNDERGRADES AND CHECKS	.30		.30	.30	.30

BREAKING STOCKS: MON. 48-50 LBS. 43.00-44.00, 50 LBS. AND UP 44.00-45.00; THURS. 42-44 LBS. 35.00-37.00.

New York Egg Market

Edison, N.J.
Wednesday, May 29, 1991

Prices were unchanged. Trade sentiment was steady. Demand remained mixed, and was mostly moderate. Distributor interest in extra-large and jumbo continued fairly active in light of the short to closely balanced supplies. Large supplies were adequate, and mediums were adequate to fully adequate. The New Jersey inventory was 14% below last Monday's level, and the New York inventory was 5% below last week.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN. RANGE EXTRA LARGE .69-.71; LARGE .66-.69; MEDIUM .54-.57.

Northeast Chicken Parts

Wednesday, May 29, 1991

NORTHEAST BROILER/FRYER PARTS. FEDERAL-STATE: Trucklot buying interest was limited. Offerings of both boneless skinless and whole breasts were adequate and in fairly good balance for the current call. Leg items were adequate to heavy with leg quarters noted as accumulating at several points. Wings were noted as available and slow in clearing in both yellow and white shipping channels. Giblets were at least adequate.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., 29-MAY-91 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

ITEM CURRENT NEGOTIATED TRADING BREAST - BONELESS SKINLESS 190 BREAST - WITH RIBS 86-87 BREAST - LINE RUN 85 LEGS 38-39 LEG QUARTERS 30-31 THIGHS 40-41 DRUMSTICKS 32-33 WINGS 55-56 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 15-20 GIZZARDS (HEARTS) 25

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Wednesday, May 29, 1991

Prices were about unchanged on light type fowl and too few sales to report on heavy hens, however some limited trading was noted at lower levels than prior week. Availability of both classes was fully adequate for the slow and unaggressive interest from processors. Undertone barely steady.

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT AT FARM PRODUCER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

LIGHT TYPE AT FARM PRODUCER LOADING 1-1.5 CENTS/LB. FOB PLANT TOO FEW TO REPORT.

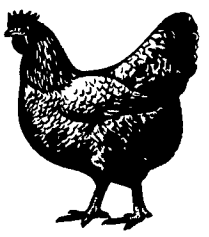
* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

N.E. Weekly Shell Egg Report

Tuesday, May 28
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.88-.92	.86-.90	.68-.72	.49-.53
MOSTLY	.90-.91	.88-.89	.70-.71	.51-.52
RHODE ISLAND	.91-.95	.89-.93	.71-.75	.52-.56
MOSTLY	.91	.89	.71	.52
VERMONT	.95-1.18	.93-1.16	.75-.92	
MOSTLY	.95	.93	.75	
MAINE	.95	.93	.75	.56



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Andy Andrews, Staff
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Home 717-838-4318
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Area Supervisor

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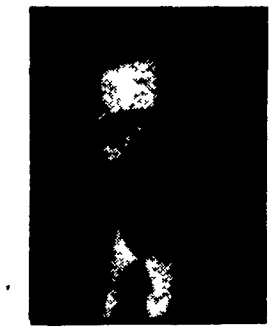
Manager Dairy Sales



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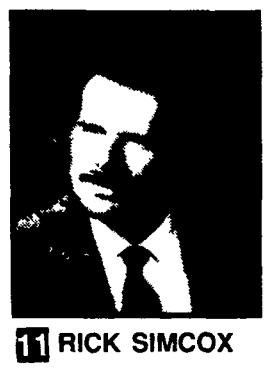

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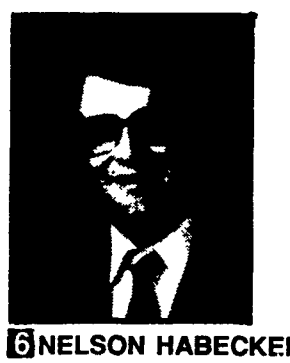
16 TRACY SNYDER



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FROM PA 1-800-732-0467

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National Grain Market

St. Joseph, Mo.
Wednesday, May 29, 1991

USDA DAILY NATIONAL GRAIN MARKET SUMMARY CASH GRAIN AND SOYBEAN PRICES FELL WEDNESDAY INFLUENCED BY CONTINUED UNCERTAINTY OVER SOVIET CREDIT AID PACKAGE. WHEAT 1 TO 4 CENTS LOWER; CORN 1 TO 3 CENTS LOWER, SORGHUM 3 CENTS LOWER AND SOYBEANS 2 TO 3 CENTS LOWER. VERY LITTLE EXPORT ACTIVITY WEAKENED GRAIN PRICES. ON AGAIN OFF AGAIN NEWS ABOUT U.S.S.R. CREDIT KEEPS GRAIN PRICES BOUNCING UP AND DOWN.

EXPORT NEWS: WEST AND CENTRAL AFRICAN COUNTRIES BOUGHT 7,500 TONNES NORTHERN/DARK NORTHERN SPRING WHEAT UNDER EXPORT BONUS FOR JULY/AUGUST SHIPMENT.

DATE CHANGE YEAR AGO 05/29/91 05/28/91 05/30/90 WHEAT· KANSAS CITY 2 94-2.95 DN 3-4 3.69-3 75 MINNEAPOLIS 3.03 1/4-3.07 1/4 DN 2 3/4-1 3/4 4.05 PORTLAND 3.44-3 46 UP 2 3.54-3.56 ST. LOUIS 2 98-3 01 DN 2 3.21-3 24

CORN, U.S. NO 2 YELLOW: KANSAS CITY 2.50-2 52 DN 2-1 2.70-2 75 MINNEAPOLIS 2.44 DN 3/4 2 69 1/2 SO IOWA 2 48-2.51 1/2 DN 3-1 1/2 2 76-2.79 OMAHA 2.33-2.36 DN 3-1 2 60-2 61.

SOYBEANS, NO 1 YELLOW: KANSAS CITY 5.85-5.87 DN 3 5.96-6.00 MINNEAPOLIS 5.77 DN 3 5.84 1/4 SO. IOWA 5 80-5.85 DN 3-2 5.87-5.92 C. ILL PROCESSORS 5 82-5.88 DN 3 5.99 1/2-6.08 1/2.

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO 1 SOFT WHITE WHEAT, ST. LOUIS, NO 2 SOFT RED WINTER WHEAT

FUTURES CLOSE: KANSAS CITY (JULY) WHEAT 2

87 3/4 DN 3 1/4 3.34 MINNEAPOLIS (JULY) WHEAT 2 84 1/4 DN 1 3/4 3 50 CHICAGO (JULY) WHEAT 2.88 1/4 DN 3 3 32 1/4 (JULY) CORN 2 45 DN 1 3/4 2 79 1/2 (JULY) SOYBEANS 5 74 DN 3 6 05 1/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.25 DN 4 3.79-3.84 NO. 2 SOFT RED WINTER WHEAT 3.22 DN 2-7 3.50-3.54 NO.2 YELLOW CORN 2.67-2.68 DN 1-2 3.02-3 03 NO.2 YELLOW SORGHUM RAIL 4 50 DN 3 BARGE 4.59 DN 3 4.94-4.99 NO.2 YELLOW SOYBEANS 6 02-6.03 DN 2-3 6 14-6.15.

North Jersey Market

Hackettstown, N.J.
Tuesday, May 29, 1991
Hay—Straw & Grain Report

MIXED HAY: 1.40-1.80 BALE.
GRASS HAY: 1.40 BALE.
STRAW: 1.60.
TOTAL: 7 LOADS.

Greencastle Hay Market

Hay & Straw
May 23rd&27th, 1991

12 LOADS.
ALFALFA MIXED 65.00-76.00/TON
TIMOTHY HAY 20.00-40.00/TON
MIXED HAY 50.00-60.00/TON.
ORCHARD GRASS 40.00-50.00/TON

Keister's Hay

Middleburg, PA
Tuesday, May 28
Report supplied by auction

17 LOADS HAY.
MIXED HAY: 25.00-80.00.
STRAW: 8 LOADS, 40.00-67.50.
EAR CORN: 7 LOADS, 60.00-75.00.
OATS: 1.50 AND 1.75 BU.

Belleville Hay

Wednesday, May 29
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 9 LDS. HAY.
MIXED HAY: 30.00-75.00.
STRAW: 50.00-70.00
EAR CORN· 75.00.
OATS: 1.50 AND 1.70 BU.

Leinbach's Hay

Shippensburg, PA
May 25 and 28
Report Supplied by Auction

TOTAL LOADS: 28.
ALFALFA: 36.00-114.00.
MIXED HAY: 43.00-90.00.
TIMOTHY: 30.00-68.00.
GRASS: 35.00-60.00.
STRAW: 34.00-55.00.
EAR CORN: 61.00.
MULCH HAY: 10.00-28.00.

New England Shell Eggs

Wednesday, May 29, 1991

Prices were unchanged. Trade sentiment was steady. Demand was fair to good, mostly moderate. Supplies were adequate

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.

RANGE JUMBO .64-.67; EXTRA LARGE .62-.65; LARGE .60-.63; MEDIUM .42-.45; SMALL .23-.26.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN

RANGE EXTRA LARGE .81-.83, LARGE .79-.81, MEDIUM .61-.63.

Westminster Hay

Westminster, Md.
Tuesday, May 28, 1991
Report Supplied by Auction

TOTAL LOADS: 51.
ALFALFA: .80-1.90 BALE.
ALFALFA MIX: 1.00-1.20 BALE.
TIMOTHY: 80.00-85.00, .80-2.00 BALE.
TIMOTHY MIX: .90-1.80 BALE.
ORCHARD GRASS: .50-.95 BALE.
NEW ALFALFA HAY: .75-.90 BALE.
MULCH: .20-.50 BALE.
STRAW: 80.00-85.00, .50-1.70 BALE.

Heinsey's Poultry

Roots, East Petersburg
Tuesday, May 28, 1991

Muscovy Ducks - Drakes Range 1.20 - 1.38
Muscovy Ducks - Hens 1.20 - 1.32.
Pekin Ducks 20 - .34.
Pullets 5-7 .20 - .38
Red Fowl 4-4.5 .07 - .38
Red Fowl 5-6 .60 - .78
Crossbred Roosters 4-6 .30 - .74
Crossbred Roosters 7-10 .25 - .62
Crossbred Fowl 5-9 .25 - .46
Banty Roosters 3 00 - 5.25 ea.
Banty Hens 2.00 - 3.25 ea.
Guinea Pigs .50 - 1.25 ea.
Guinea Fowl 1.65 - 1.80.
Geese 8-11 .20 - .38.
Pigeons 1.75 - 2.25 ea.
White Pigeons 2.25 - 3.00 ea.
Rabbits 4-6 70 - .94, 7-11 .70 - .92.
Leghorn Hens .10 - .18.
Bunnies .50 - 1.25 ea
Doves 3.50 - 4.50 ea.
Silkies 5.50 - 6.00 ea.
Total Coops Sold 804.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, May 27, 1991
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 432 HEAD OF HORSES, MULES AND PONIES. RIDING HORSE MARKET STRONGER; KILLER MARKET STEADY.

DRIVING HORSES: 525.00-725.00.
RIDING HORSES: 485.00-850.00.
BETTER HORSES: 875.00-1035.00
REGISTERED HORSES: 800.00-1225.00.
LIGHTWEIGHT KILLERS: 500.00-650.00.
HEAVYWEIGHT KILLERS: 700.00-1125.00.
THIN HORSES: 100.00-450.00.
MARE PONIES: 55.00-220.00.
COLTS: 40.00-110.00.
GELDINGS: 55.00-220.00.

Every Wednesday
At 11:00 A.M.

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12 Purebred Hampshire Boars
10 40 lb. Reg. Hampshire Gilts
to be sold at June 5th
FEEDER PIG SALE
for Four Oaks Farm
(Lee Bixler Family).
See Complete Details Page A38.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

2 DISPERSALS
Wednesday, June 5
See Details Page C46

HORSE SALE
FRI., JUNE 14 - 7:00 P.M.
TACK 6 P.M.
HORSES HITCHED
12 NOON

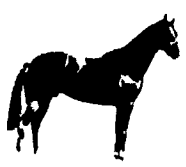
LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc.
See them weighed, sold and pickup your check.

10:00 AM



HORSES
MULES

1:30 PM
BEEF SALE

SHEEP
GOATS

CALVES

WEDNESDAY

HEIFER SALE
11:00 AM
COW SALE 12:00 NOON

HEIFERS
BULLS

COWS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

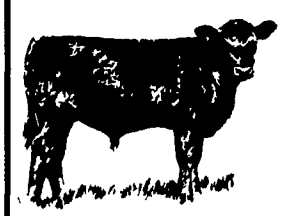
1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12
Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY

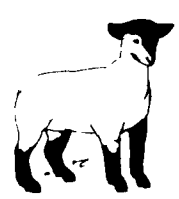
Beef Auction
10:00 A.M.

BULLS
STEERS
BEEF COWS



1:00 P.M.
STOCKERS
&
FEEDERS

12:30 P.M.



SHEEP
GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
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Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX # 717-355-0706

Order Buyer
Paul Good - 215-445-6662

Greencastle Livestock

Greencastle, Pa.
Monday, May 27, 1991

TOTAL CATTLE: HD. SLAUGHTER CATTLE RECEIPTS: HD. SLAUGHTER STEERS: 178 HD. TREND: STEADY. HIGH CHOICE & PRIME 2-4 75.00-78.50; CHOICE 2-3 950-1075 LBS. 72.00-75.50; CHOICE 2-3 1075-1375 LBS. 74.00-77.00; CHOICE 2-3 OVER 1375 LBS. 69.00-73.75; CHOICE 4 ALL WEIGHTS 71.00-73.50; SELECT AND CHOICE 1-2 950-1100 LBS. 68.00-73.00; SELECT AND CHOICE 1-2 1100-1375 LBS. 69.00-73.50; SELECT AND CHOICE 1-2 OVER 1375 LBS. 66.00-71.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 66.00-72.00; SELECT 1-2 1050-1450 LBS. 61.50-65.50.

SLAUGHTER HEIFERS: 78 HEAD. TREND: STEADY. CHOICE 2-3 850-1000 LBS. 69.00-75.00; CHOICE 2-3 1000-1250 LBS. 72.50-76.75; CHOICE 4 ALL WEIGHTS 68.00-73.00; SELECT AND CHOICE 1-2 850-1000 LBS. 65.00-71.50; SELECT AND CHOICE 1-2 1000-1250 LBS. 69.00-74.50.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 64.00-69.00; SELECT AND CHOICE 1-2 1000-1350 LBS. 59.00-63.50.

SLAUGHTER BULLS: 24 HEAD. TREND: 1.00-2.00 HIGHER. YG#1 ALL WEIGHTS 66.00-77.00; YG#2 ALL WEIGHTS 57.00-65.00.

BULLOCKS: 10 HEAD. CHOICE 1-3 1150-1375 LBS. 66.00-71.50; CHOICE 1-3 950 TO 1050 LBS. 90.00-99.00.

COWS: 169 HD. TREND: STEADY. BREAKING UTILITY & COMMERCIAL UP TO 58.00 FEWER 62.00; CUTTER & BONING UTILITY UP TO 61.00; CANNER & LOW CUTTER 55.00 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 90 HEAD. TREND: STRONG DEMAMD. BEEF TYPES: 200-400 LBS. STEERS 90.00-110.00, BULLS 90.00-105.00, HEIFERS 80.00-101.00; 400-600 LBS. STEERS 80.00-101.00, BULLS 75.00-93.00, HEIFERS 75.00-90.00; 600-800 LB. STEERS 76.00-84.00, BULLS 65.00-72.00, HEIFERS 70.00-80.00; 800-975 LBS. STEERS 70.00-75.00, BULLS 58.00-64.00, HEIFERS 67.00-74.00.

HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 90.00-107.00, BULLS 80.00-104.00, HEIFERS 80.00-120.00; 400-600 LBS. STEERS 75.00-80.00, BULLS 68.00-74.00, HEIFERS 70.00-82.00; 600-800 LBS. STEERS 65.00-75.00, BULLS 60.00-66.00, HEIFERS 65.00-76.00; 800-975 LBS. STEERS 61.00-66.00, BULLS 55.00-60.00, HEIFERS 63.00-70.00.

CALVES: 440. VEAL CALVES: TREND: STEADY. CHOICE 150-300 LBS. UP TO 118.00; GOOD 150-300 LBS. UP TO 110.00; GOOD 100-150 LBS. Up TO 125.00; GOOD 80-100 LBS. UP TO 90.00; STANDARD 80 TO 100 LBS. UP TO 85.00 LBS.; STANDARD 80 LBS. & DOWN UP TO 80.00. CALVES RETURNING TO FARM: TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 210.00 UNDER 100 LBS. UP TO 215.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 190.00 UNDER 100 LBS. UP TO 170.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 190.00, BEEF TYPE HEIFERS OVER 90 LBS. UP TO 170.00.

SHEEP AND LAMBS: 108 HD. TREND: STEADY TO WEAKER. CHOICE 80-100 LBS. 58.00-63.00; 100-120 LBS. 55.00-60.00; 120 & OVER 45.00-52.00.; MEDIUM & GOOD ALL WEIGHTS 54.00-60.00; FEEDER LAMBS, 60 TO 85 LBS. 58.00-65.00; LIGHT LAMBS, 65.00-70.00.

SHEEP: EWES LEAN 17.00-21.00; EWES FAT 10.00-15.00; YEARLINGS 25.00-35.00; BUCKS 14.00-18.00.

GOATS: 220 HD. SMALL 14.00-31.00; MEDIUM 32.00-55.00; LARGE 56.00-105.00.

HOGS, SOWS & BOARS: 110 HD. HOGS: BARROWS & GILTS. TREND: STEADY. 210-250 LBS. 53.00-54.50; 250-260 LBS. 51.50-53.50; 260-270 LBS. 50.00-51.50; 270-300 LBS. 47.00-49.55. LIGHT HOGS: 140-180 LBS. 42.00-46.00; 180-210 LBS. 45.00-50.00 SOWS: TREND: STEADY TO 1.00 LOWER. GOOD SOWS UNDER 400 LBS. 42.00-45.00; GOOD SOWS OVER 400 LBS. 43.50-46.50; CULL SOWS ALL WEIGHTS 40.00 & DOWN. BOARS: TREND: STEADY. 180-210 LBS. 40.00-45.00; 210-260 LBS. 42.00-45.00; 260-300 LBS. 38.00-41.00; 300 LBS. & OVER 37.00-40.00.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, JUNE 7, 1991 AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, JUNE 22, 1991 AT 1:00 P.M.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, May 29, 1991
Report Supplied by PDA

CATTLE 217...PDA... Supply included 75 head steers, and 91 cows ...Compared to last Wednesday's market: Slaughter steers steady to 1.00, spots to 2.00 higher; Cows strong to 1.00 higher.

Few High Choice & Prime 1260/1400 lbs. sl. steers 77.75-79.00, Choice 1035/1400 lbs. 75.75-78.50, Select 67.00-74.25, one 79.00; High Choice & Prime 1400/1570 lbs. Holsteins 70.50-73, Choice 1300/1500 lbs. 68.25-69.50, Select 64.25-67.50, Standard 60.50-63.25. Few High Choice & Prime 1350/1565 lbs. sl. heifers 76.00-77.25, one Choice 70 50, few Select 62.00-65.25, few Standard 55.25-63.75. Breaking Ut. & Commercial sl. cows 55.00-57.75, few 59.50, few low dressing 48-53.50, Cutter & Boning Utility 53.75-56.75, few 57.75, Canner & low Cutter 49.75-52, few 55.50, Shells down to 36.50. Few Choice sl. bullocks 68.25-75.00, few Select 63.75-68.25; Select & Choice 63.50-68.00. One Yield Grade No. 1, 1325 lbs. sl. bull 64.00. Feeder Cattle: Few Medium & Large Frame No 1-2, 420/560 lbs. steers 86.00-109.00. Few Medium Frame No. 1, 330/375 lbs. heifers 78 00-91.00.

CALVES 158...Few Choice vealers 100.00-110 00, one Good 99 00, Standard and Good 70/110 lbs. 85.00-92.50, few Utility 50/80 lbs. 50.00-60.00. Farm Calves: No. 1, Holstein Bulls 85/125 lbs. 189.00-225.00, No. 2, 75/120 lbs. 170.00-200, few 110.00; few No. 1, Hol. Heifers 90/110 lbs. 160.00-185.00, few No. 2, 80/115 lbs. 87.50-135.00. Few Beef Cross 70/120 lbs. bulls and heifers 130.00-200.00.

HOGS 288...Barrows and gilts: steady to strong. US No. 1-2 220/245 lbs. 53.25-53.75, 1-3 210/235 lbs. 51.75-53.00, 2-3 225/250 lbs. 50.00-51.00, lot 2-4 295 lbs. 45.75, 1-3 170/200 lbs. 46.00-50.50, few 90/140 lbs. 62.00-75.00. SOWS: 1.00 to 1.50 higher. US No. 1-3 300/500 lbs. sows 43.50-46.00, few 41.50, 500/665 lbs. 45.00-47.00, few Medium 375/435 lbs. 39.75-41.00. Boars (all weights) 38.50-41.00.

FEEDER PIGS 150...Couple Lots US No. 1-3 20/27 lbs. feeder pigs 135.00 & 165.00, 35/60 lbs. 88.00-100.00 --- all per hundredweight.

SHEEP 50...Spring slaughter lambs: Choice & Prime 35/90 lbs. spring sl. lambs 59.00-70.00. Slaughter sheep 13 00-26.00, mostly 15.00-23.00 - all Cwt.

GOATS 30...Few Medium & Large 45.00-60.00, Large Kids 30.00-48.00, few Small Kids 17.50-25.00 --- all per head.

Dewart Livestock

Dewart, Pa.
May 27, 1991
Report Supplied by PDA

STEERS: 59.00-70.50.
HEIFERS: TOO FEW TO QUOTE.
GOOD COWS: 50.00-58.25.
CANNERS AND CUTTERS: 45.00-50 00.
BULLS: 59.00-65.25.
VEAL: 90-190 LBS. 99.00-210.00, 70-90 LBS. 80.00-99.00.
HOGS: 50.00-53.50.
SOWS: 42.00-46.75.
FEEDER PIGS: 18.00-40.00 HD.

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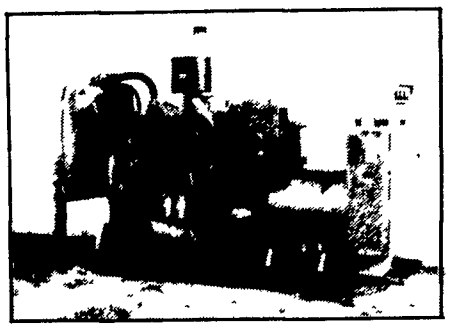

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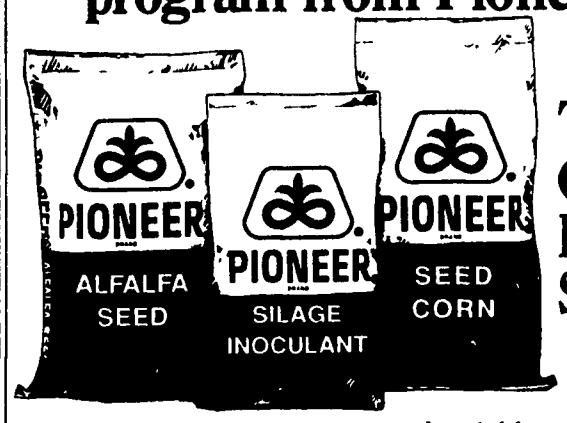

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PIONEER.

THE OLD FARMER'S ALMANAC

JUNE 3-9 1991

Rainy season, Calcutta.

June 4, 1781, Jack Jouett rides forty-five miles to warn Virginia Governor Thomas Jefferson of the advancing British, giving Jefferson and the legislature time to escape June 6, 1816, 'the year with no summer" begins as ten inches of snow fall in New England June 9, 1860, a new literary genre is born with the publication of the first dime novel, *Malaeska The Indian Wife of the White Hunter Eternal vigilance is the price of liberty*

Ask the Old Farmer: My brother often mentions a dish they served onboard sailing ships called "lob-scouse" Can you tell me more about it? J B , R I

Lob-scouse was a sort of hash made of crumbled hardtack minced salt beef and onions or turnips if they had any aboard It was often baked

Home Hints Out of shoe polish use furniture wax Just spray and wipe — nice shine

OLD FARMER'S WEATHER FORECAST

New England: Showers through midweek, heavier rain in the south, and cool temperatures throughout the region Clearing and warmer for the latter half of the week

Greater New York-New Jersey. Heavy rain and cool temperatures through midweek Then mostly sunny with a few sprinkles now and then, and seasonable temperatures

Middle Atlantic Coastal: Cloudy skies bring intermittent heavy rain and seasonable temperatures through midweek Cloudy with light rain to wrap up the week

Piedmont & Southeast Coastal. Mild, rainy weather clears somewhat by midweek with only a few intermittent showers Warm and clear to end the week

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Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, May 28, 1991
Report Supplied by PDA

CATTLE 365. PDA ..Compared with last weeks market. Slaughter steers .25 to 76.50-78.75, Choice 1050/1400 lbs. 74.50-78 00, Select 69 25-73 75; few Choice Holsteins 68.00-70.25, Select 64.00-68 50 Few Choice sl. heifers 70.75-75.75, few Select 68 25-70 75. Breaking Utility & Commercial sl cows 56 50-60 25, couple 61.25, Cutter & Boning Utility 53.00-59 00, Canner & low Cutter 49.50-52.75, Shells down to 47.00 Choice sl. bullocks 69.75-74.00. Yield Grade No 1, 1025/1725 lbs sl bulls 62.75-68.25, one No 2, 2290 lbs. 55.00 Feeder Cattle: Few Medium Frame No. 1, 400/700 lbs steers 75.00-83.00. Few Medium Frame No. 1, 400/725 lbs. heifers 63.00-78.00.

CALVES 195 Few Choice vealers 102 50-110.00, few Standard & Good 80/95 lbs 75.00-84.00. Farm Calves· Holstein bulls No. 1, 85/130 lbs 165.00-217.50, No. 2, 75/125 lbs 140.00-180.00, few Hol. Heifers 75/115 lbs. 120 00-175.00; Beef cross 70/140 lbs bulls and heifers 90.00-186 00.

HOGS 399...BARROWS & GILTS· 1 00 to 2.00 lower. US No. 1-2, 220/245 lbs. barrows and gilts 54.00-55.00, No. 1, 225/245 lbs. 55.00-56 50, 2-3 210/260 lbs. 53 00-54.00, 2-4 200/270 lbs. 48.00-53.00 US No. 1-3 300/650 lbs sows 43 00-46.50, few to 52.00, 2-3 300/575 lbs. 38.00-43 00. Boars 36 00-37 00

FEEDER PIG 247. US No 1-3 25/45 lbs feeder pigs 36.00-46.00, lot 65 lbs. 61 00 --- all per head.

SHEEP 97...SPRING SLAUGHTER LAMBS:...Good and Choice 30/100 lbs spring slaughter lambs 52.00-62.00 Slaughter ewes 16 00-30 00 - all cwt

GOATS 37...Large 47.50-90.00, Kids 17 50-31 00 --- all per head

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, May 28, 1991

SLAUGHTER STEERS: SELECT (900-1050 LBS.) 70.75-73.00.

SLAUGHTER HOLSTEINS: SELECT-&CHOICE 68.00-69.85.

SLAUGHTER HEIFERS: SELECT (LIGHTS) 70.00-73.25, STANDARD 60.00-68.50.

SLAUGHTER COWS: ACTIVE! EARLYBIRD PENS FIRM 4.00 HIGHER. BREAK UT. & COMM. 54.00-59.75, CUTTER & BONING UT. 53.00-58.00, CANNER & LOW CUTTER 47.00-52.75, BIG MIDDLE 50.00-53.75, SHELLY 46.50 & DOWN.

SLAUGHTER FAT BULLS: Y.G.#1 66.75.

FEEDER CATTLE: FDR. STEERS: WTS; MED.&LAR.#1 85.00-103.00, MED.&LAR. #2 75.00-84.00, HOLSTEINS 80.00-97.00.

FDR. HEIFERS (ALL WTS.) MED.&LAR. #1 89.00-115.00, MED.&LAR. #2 75.00-86.00.

FEEDER BULLS: (ALL WTS.) 90.00-115.00, LAR #2 70.00-78.00.

VEAL CALVES: VERY STRONG DEMAND! CHOICE 110.00-121.00, COUPLE STANDARD 75.00-105.00.

FARM BULLS: FULLY STEADY MOSTLY 200.00-229.00, FARM HEIFERS TO 160.00.

HOGS: BARROWS & GILTS 2.00 HIGHER. US NO. 1-3 (210-260 LB.) 53.75-56 25, OVER 270 LB. 51.00, UNDER 210 LBS. 51.25-57.00, 2&4'S 51.25-53.50.

SOWS: ACTIVE OVER 450 LB. 45.50-45.75, UNDER 450 LB. 43 50-45.00.

FEEDER PIGS (BY THE HEAD): 25-40 LBS. 25.00-45.00.

SHEEP-EWES: 18.00 24.00; YEARLINGS TO 48.00.

LAMBS: CHOICE (30-55 LB.) 81.00-95.00, GOOD (ALL WTS.) 60.00-73.00, MED. (ALL WT.) 56.00-59.00.

GOATS (BY THE HEAD): LARGE 75.00-125.00, SM./MED. 25.00-47.50.

SALE EVERY TUESDAY EVENING 5:00 P.M. RABBITS POULTRY & EGGS 7:00 P.M. LIVESTOCK.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.
Wednesday, May 29, 1991

OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY: COMPARED WITH LAST WEEK: FEEDER STEERS OVER 700 LB. $2.00-$4.00 HIGHER; HEIFERS OVER 600 LB $1.00- $3.00 HIGHER. LIGHTER WEIGHT STEERS AND HEIFERS STEADY. TRADE ACTIVE. DEMAND VERY GOOD. QUALITY OF SUPPLY AVERAGE TO MOSTLY ATTRACTIVE. FLESH CONDITION ATTRACTIVE AND TO THE THIN SIDE. WEIGH CONDITIONS AVERAGE TO FULL. DETRIMENTAL CONDITIONS RECEIVED VERY LITTLE DISCRIMINATION BY AGGRESSIVE BUYERS. CORNBELT INTERESTS PLAYED STRONG ROLE IN ESTABLISHING THIS WEEK'S MARKET SLAUGHTER COWS AND BULLS STEADY FOR THE WEEK RECEIPTS THIS HOLIDAY SHORTENED WEEK 6,159; LAST WEEK 12,758; MEMORIAL WEEK ONE YEAR AGO 8,138 SUPPLY 79% YEARLING FEEDER CATTLE; 17% CALVES AND LIGHT STOCKERS UNDER 600 LB.; COWS AND BULLS 4%. BULK PRICE RANGES FOLLOW:

FEEDER STEERS: MEDIUM & LARGE FRAME 1, 200-325 LB. $133.00-$142.00; 350-425 LB. $118.50-$128.50; 450-500 LB. $109.50-$115.00; 500-600 LB. $98.00-$108.50; 600-650 LB. $96.00-$100.00; 650-700 LB $91.25-$96.00; 700-800 LB. BULK $87.50-$93.00; 800-900 LB. $84.00-$89.00; 900-950 LB. $80.50-$82.25. LARGE FRAME 2 HOLSTEINS, 375-475 LB. $96.50-$104.00; 550-575 LB. $86.00- $91.00; 675-700 LB $80.25-$84.50; 800-850 LB. $73.00-$77.25; 900-975 LB. $70.75-$71.75.

FEEDER HEIFERS: MEDIUM & LARGE FRAME 1, 250-300 LB $116.50-$123.00; 300-400 LB $106.50-$114.00; 400-450 LB. $101 00-$108.50; 450-500 LB $93.25-$102.00; 500-550 LB $95.00-$99 00; 550-600 LB $89.50-$96 50; 600-650 LB $87.50-$92.00; 650-700 LB $84.00-$89.50; 700-800 LB $83.00-$86.75; 800-850 LB $78 00-$82.50.

SLAUGHTER COWS CUTTER, BONING UTILITY, AND BREAKING UTILITY Y.G. 1-4, AVERAGE DRESSING $52.50-$55.75; HIGH DRESSING $55.00-$58.25, YOUNG $57.50-$60.75; LOW DRESSING $49.50-$52.50. CANNER $45.25-$48.50

SLAUGHTER BULLS: Y.G. 1 1200-2275 LB. AVERAGE DRESSING $63.75-$67.50; HIGH DRESSING THRU VERY HIGH-DRESSING $69 00-$72 25, LOW-DRESSING FEW $61.50-$62 50

A. & C. DIFFENBACH AUCTION INC.

1991

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HAY SALE EVERY MONDAY - 10:00 A.M.
Wednesday Hay Sale Discontinued Until Fall.

WED., JUN. 5	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
FRI., JUN. 7	9:00 A.M.	FARM EQUIPMENT AUCTION
WED., JUN. 12	6:30 P.M.	WINROSS TRUCK AUCTION
FRI., JUL. 12	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., JUL. 23	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION-BUGGIES-1 P.M.
WED., JUL. 24	9:00 A.M.	QUILT, CRAFT AUCTION
FRI., AUG. 2	9:00 A.M.	FARM EQUIPMENT AUCTION
WED., AUG. 7	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION

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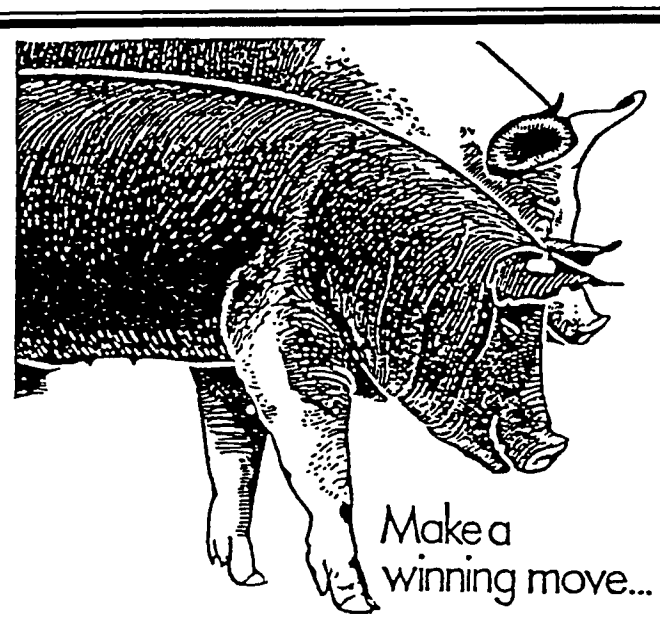
ALAN DIFFENBACH AUCT. - AU2258-L



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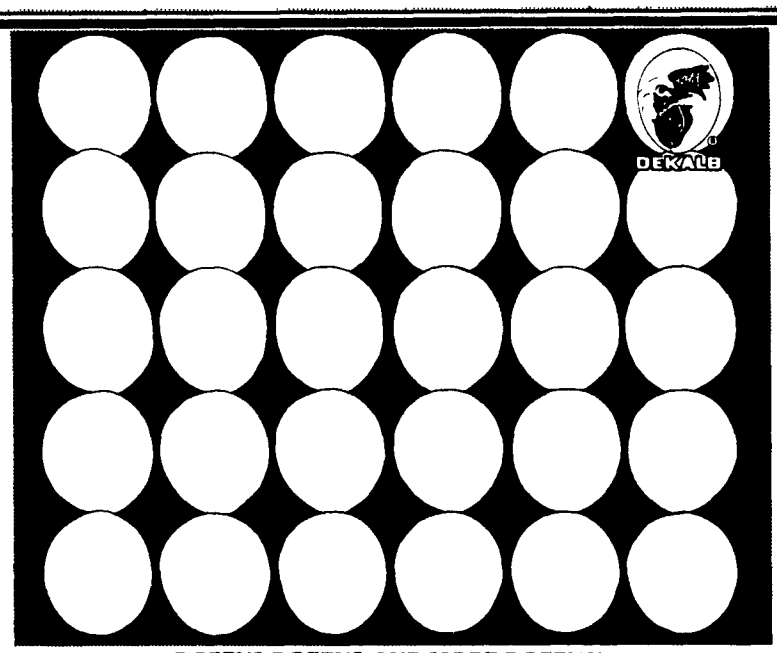

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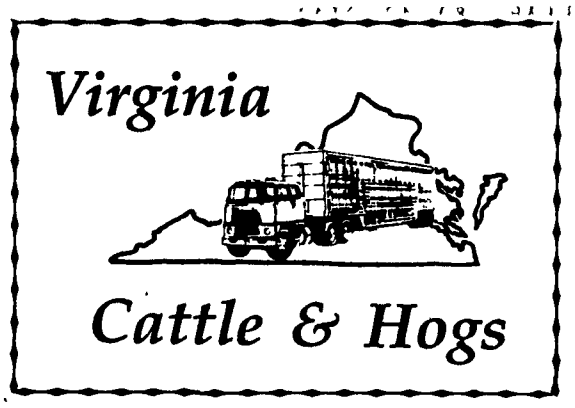

Virginia Weekly

Richmond, Va.
Wednesday, May 29, 1991

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; MAY 23-29, 1991. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE STEADY TO $3.00 LOWER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE VERY SCARCE WITH A FEW SELLING MOSTLY STEADY.

COWS AND BULLS IN VIRGINIA WERE $1.00-5.00 HIGHER. PRODUCTION WAS 1% ABOVE A WEEK AGO BUT WAS 1% BELOW A YEAR AGO. AVEAGE DRESSED WEIGHTS WERE 11 POUND HEAVIER THAN A YEAR AGO.

LAMB PRICES IN VIRGINIA WERE $3.00-5.00 LOWER. LAMB PRODUCTION WAS 2% BELOW A WEEK AGO BUT 1% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 2 POUNDS HEAVIER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE 50 CENT HIGHER. FRESH PORK PRICES WERE MOSTLY $4.00 HIGHER WITH LOIN PRICES NOT ESTABLISHED TOWARD THE END OF THE WEEK. HOG PRODUCTION WAS 5% BELOW A WEEK AGO BUT 2% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN A YEAR AGO.

THE VIRGINIA DIRECT HOG MARKET MAY 23-29, 1991. RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 3,378 HEAD COMPARED TO LAST WEEK 5,076 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED 50 CENT HIGHER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 210-240 LBS 53.00-53.50 54.50-55.50 US 3-4 210-240 LBS 52.50-53.50 US 1-3 200-220 LBS 48.50-51.50 US 2-4 240-270 LBS 49.50-50.50 US 3-4 270-300 LBS 45.50-46.50 SOWS $37.00-44.50 AND BOARS 32.00-36.00 VALLEY AND NORTHERN VIRGINIA HOGS; 672 HEAD FOR THE PERIOD. US 1-3 210-250 LBS $53.00-54.00.

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 18% SLAUGHTER BULLS 4%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 62%, OVER 600 LBS 16%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS: SLAUGHTER CATTLE STEERS: NO PRICES REPORT THIS WEEK HEIFERS; CHOICE 2-3 900-1100 LBS 70.00-73.50 CHOICE 2-3 1100 LBS & OVER 70.00-73.75 SLAUGHTER COWS UTILITY & COMMERCIAL COWS 52.00-61.00 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 60.50-73.00 1-2 1300-1600 LBS 60.00-76.50 1-2 1600 LBS & OVER 63.50-77.00 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 200-350 LBS --- GOOD AND CHOICE 200-350 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS --- SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 52.50-60.00; WOOL 45.00 SLAUGHTER HOGS US 1-3 200-250 LBS 51.25 SOWS US 1-3 300-500 LBS 41.50-48.00 500 LBS & OVER 44.75-48.00
FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 115.00-128.00 300-400 LBS 93.00-107.00 300-400 106.00-122.00 400-500 89.00-105.00 400-500 98.00-115.00 500-600 83.00-95.00 500-600 93.00-108.00 600-700 80.50-87.00 600-700 85.00-96.50 700-800 74.00-79.
50 700-800 79.00-87.50 800-900 67.50-75.50 800-900 69.50-77.00.

Northern Virginia Livestock Summary

Orange, Va.
Wednesday, May 29, 1991

ALL TRENDS COMPARED TO LAST WEDNESDAY SLAUGHTER CATTLE 59 HEAD - SLAUGHTER COWS AND SLAUGHTER BULLS STEADY.

SLAUGHTER STEERS & HEIFERS 10 HEAD STEERS SELECT 2-3, 1100 LBS. & OVER 65.00 - 69.00.

SLAUGHTER COWS 46 HEAD COWS CUTTER & BONING UT. 1-3 49.00 - 57.00 FEW 58.00-58.50 BREAKING UT. & COMM. 2-4 45.00 - 54.00 CANNER AND LOW CUTTER 1-2 43.00 - 51.00.

SLAUGHTER BULLS 3 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 66.50 Y.G. 1-2, 1600 LBS. & OVER 67.50.

FEEDER CATTLE 90 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 200-300 105.00-127.00 300-400 95.00- 98.00 400-500 90.00-97.00 500-600 88.00- 97.00.

HEIFERS MEDIUM 1 LARGE 1 300-400 88.00- 96.00 - 400-500 88.00 84.00- 88.00 500-600 - 88.00- 95.00 BULLS MEDIUM 1 400-500 90.00- 94.00 500-600 85.00- 89.00.

Central & Southeast Virginia Livestock Summary

Smithfield Blackstone-Southside, Va.
Wednesday, May 29, 1991

SOUTHSIDE CATTLE SOLD ON OUT WEIGHTS ALL TRENDS COMPARED TO LAST WEDNESDAY. SLAUGHTER HOGS 250 HEAD - SLAUGHTER SOWS $1.00-2.00 HIGHER. BOARS $1.25 HIGHER. BARROWS AND GILTS US 1-3, 200-250 LB. 51.00 SOWS US 1-3, 300-500 LB. 43 60 - 46 80 US 1-3, 500 LBS. & OVER 45.60 - 45.70 BOARS 300-600 LB. 39.50 - 42.60.

SLAUGHTER CATTLE 51 HEAD - SLAUGHTER COWS AND SLAUGHTER BULLS $2.00-4.00 HIGHER.

SLAUGHTER COWS 31 HEAD COWS CUTTER & BONING UT. 1-3 49.00 - 51.00 BREAKING UT. & COMM. 2-4 50.00 - 59.00.

SLAUGHTER BULLS 8 HEAD BULLS Y.G. 1-2, 900-1300 LB. 65 50 Y.G. 1-2, 1300-1600 LB. 65.50 - 66.50 Y.G. 1-2, 1600 LBS. & OVER 68.50 - 72.00.

SLAUGHTER CALVES & VEALERS 12 HEAD VEALERS CHOICE AND PRIME, 200-350 LB. 86.50 - 95.00 CALVES GOOD AND CHOICE, 250-500 LB. 88.00 - 95.00.

LAMBS TOTAL RECEIPTS 84 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 23 HEAD SPRING CHOICE AND PRIME, 95-125 LB. 55.00 FEEDER LAMBS 21 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 48.00 CHOICE AND FANCY, 50-60 LB. 45.00 EWES & RAMS 40 HEAD EWES ALL GRADES 12 00 - 14.00.

FEEDER CATTLE 153 HEAD - FEEDER STEERS AND FEEDER HEIFERS $2.00-4.00 LOWER. STEERS MEDIUM 1 LARGE 1 MED & LARGE 2 300-400 - - 110.00-115.00 400-500 110.00 110 00 - 500-600 94.50-100.00 94.50-100.00 - 600-700 90.00- 95.00 90.00- 95.00 - 700-800 75.00- 85.00 75.00- 85.00 - HOLSTEIN STEER MED & LARGE 2 300- 500 84.00-102.00 900-1100 65.00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - - 92.00- 95.00 300-400 - - 84.00 87.00-94 00 400-500 85.50- 90.00 85.50- 90.00 - - 500-600 82.00- 88.00 82.00- 88.00 - - BULLS MEDIUM 1 MED & LARGE 2 200-300 105.00-122.00 - 300-400 109.00-116.00 - 400-500 95 00-105.00 87.00- 92.00 600-700 80.50- 82.50 - COWS WITH CALVES AT SIDE 5 PAIR; M-1, 6-10 YR OLD 900-1100 LBS WITH CALVES 150-200 LBS $865.00, M-2, 4-6 YR OLD 750 LBS WITH CALVES 140 LBS $600.00 PER PAIR.

Peoria Sheep

Peoria, Illinois
Tuesday, May 28, 1991

OPENING, MIDSESSION AND CLOSE SHEEP: 50 NOT ENOUGH OF ANY CLASS FOR A MARKET TEST.

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Lancaster Farming

OPINION

June Is Dairy Month

In 150 years of dairy farming, the industry has come a long way...but some things never change. Today, as always, the dairy farmer's job is a demanding one. He works from before sunrise until well into the evening. No sick days, no days off and no sleeping in. His cows must be milked twice daily, 365 days a year.

Today's high-tech dairy operation, however, is a far cry from the family cow of pioneer days. The American Dairy Association says it was not until the mid-to-late 1800s that several innovations -- including the first rail shipment of milk, the first pasteurizing machine and refrigeration -- made dairy farming on a large scale practical.

Although today's dairy farmer is just as dedicated as ever, his dairy herds bare little resemblance to the pioneers, cattle or even the cattle of a few decades ago. Today's cow produces the milk that it once took 10 cows to produce. The most recent figures indicate that in 1989, 10.12 million cows produced 16.8 billion gallons of milk. Even more remarkable, the 10.12 million cows in 1989 outproduced the 17.5 million cows in 1960.

Since 1937, the month of June is dedicated to the dairy farmer and dairy products. From the farm gate to the dairy case, the wonderful world of real dairy products has a lot to celebrate. Join the millions of dairy enthusiasts in the Northeast and around the nation as they celebrate the fifty-fourth anniversary of June Dairy Month this summer.

Farm Calendar

Saturday, June 1

Chester Co. Dairy Princess Pageant, Herr Foods Auditorium, Nottingham, 7:30 p.m.

Bucks/Montgomery Co. Dairy Princess Pageant, Richland Mall, Quakertown.

Wayne Co. Dairy Princess Pageant, Belmont Fire Hall, Pleasant Mt., 8 p.m.

Franklin Co. 4-H Beef Club annual 4-H Spring Preview Beef Show, Shippensburg Fairgrounds.

Bradford Co. Erosion and Sedimentation Workshop For Timber Harvesters, Camp Lackawanna, Vosberg, 8 a.m.

Regional Christmas Tree Field Day, Tree Plantation, Greenwood Cemetery, Indiana, 9 a.m.-3:30 p.m.

Sunday, June 2

Woodedge Stables and Equestrian School, Moorestown, N.J., 9 a.m.-3 p.m.

Monday, June 3

Butler Co. Wool Pool, Lawrence Co. Fairgrounds, thru June 4.

Tuesday, June 4

Butler Co. Wool Pool, Lawrence Co. Fairgrounds.

Wednesday, June 5

Twilight potato meeting, Handwerk Farms Potato Storage, Germansville, 6:30 p.m.

Catawissa Valley Fair, Catawissa, thru June 8.

Thursday, June 6

Feeding Holsteins For Beef Workshop, First Baptist Church, Port Allegany, 7 p.m.-8 p.m.

Shepherd's Night Pasture/Forage Production, Mercer Co. Extension Center, 6 p.m.

Friday, June 7

Saturday, June 8

Lebanon Co. Dairy Princess Pageant, Lebanon Co. Vo-Tech School.

Adams Co. Dairy Princess Pageant, Biglerville High School, Biglerville, 8 p.m.

Somerset Co. Dairy Princess Pageant, Somerset Area High School, 7:30 p.m.

Bradford Co. Dairy Princess Pageant, Troy Senior High Auditorium, 8:15 p.m.

Pa. Young Dairymen's Association, southcentral district, meeting, Logan Bower Farm, Blain, 11:30 a.m.

Dairy Goat Showcase, Allentown Fairgrounds, 8:30 a.m.

Sunday, June 9

Monday, June 10

Poultry Management and Health Seminar, Kreider's Dairy Farms Restaurant, Manheim, noon.

Centre Co. Wool Pool, Grange Fairgrounds.

Venango Co. Wool Pool, Carl Gadsby Farm.

Tuesday, June 11

Lancaster Co. Beekeepers meeting, Dale and Barb Beiler, Strasburg, 6:30 p.m.

FFA Activities Week, thru June 13.

Centre Co. Sheep and Wool Growers Wool Pool, Grange Fairgrounds, Centre Hall, 7 a.m.

Lancaster Co. goat meeting, Farm and Home Center, 7:30 p.m.

Wednesday, June 12

South Jersey Flower Growers Trade Show, Salem Co. Fairgrounds, 10:30 a.m.-6 p.m.

Adams Co. Fruitgrowers meeting and tour, Kuntz Orchards, Gardners, 6:30 p.m.

FFA Activities Week, thru June 13.

Thursday, June 13

Pa. Rabbit Conference, Washingtonville Fairgrounds, 9 a.m.

FFA Activities Week.

Friday, June 14 Flag Day!

Bedford Co. Dairy Princess Pageant, Northern Bedford High School.

Juniata Co. Dairy Princess

(Turn to Page A31)

NOW IS THE TIME

By John Schwartz

Lancaster County Agricultural Agent

To Salute Dairy Farmers

As everyone knows, June is Dairy Month. This month will see many unique and successful dairy promotional programs.

Every dairy farmer should be proud of the outstanding dairy promotional and advertising programs developed to promote milk and dairy products. These programs are only possible when every dairy farmer participates. Through this type of cooperation, the dairy farmer is able to develop a positive image while stressing the importance of dairy products for today's consumer.

I encourage everyone to participate in your local community's dairy promotional programs. And, do not forget to say thank you to our dairy farm families for all their work and dedication in producing the world's safest and best quality milk and dairy products. Remember, Now Is The Time to Rediscover Milk - The Drink for All Ages.

To Keep Eggs Refrigerated

The '90s will be the decade for food safety. During the past several years, the egg industry has been working hard to reduce the incidence of food poisoning from eggs.

The hot summer months are when we have the largest number of food poisoning cases. This is due to the fact many food poisoning bacteria double in number every 20 minutes when temperatures are between 60 and 120 degrees F. These same bacteria will not reproduce at temperatures below 45 degrees F. Thus, refrigeration keeps bacteria from reproducing.

Refrigeration also helps to maintain the high quality of a freshly laid egg. In hot weather it is very important eggs are gathered frequently everyday and placed under refrigeration.

If you are selling eggs, you should be keeping the eggs under refrigeration until they are sold. Everyone has a responsibility to insure the consumer is receiving a high quality and safe product. Refrigeration helps us in achieving this objective.

To Spend Time With The Family

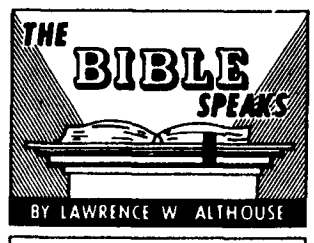
Summer is a time for family vacations. These family vacations build family unity and traditions.

I know many farmers say they are too busy to take a vacation. Vacations do not need to be long extended trips, taking several days.

One-day trips offer time together, a chance to see new things, and a break from daily chores. With a little advance planning, every farm family should be able to find a day for a family trip.

Involve everyone in the family in deciding where to go and type of activities to be included on the trip. There are many fun and exciting vacation activities within a four-hour drive from your home.

Children grow up fast, so, take time and enjoy them. Plan now to take a day for a family vacation this summer and start a new family tradition.



CAN YOU GO HOME AGAIN?

June 2, 1991

Background Scripture: Ezra 1.

Devotional Reading: Isaiah 45:1-8.

Ever since Thomas Wolfe wrote his novel, *You Can't Go Home Again*, that sentiment has become a commonplace in our society; you can't go home again -- you can't go back to what was.

Actually, one can answer the question, "Can you go home again?" with both a "yes" and a "no." It is true that the "home" we go back to is never the same. The Reading, PA, of my childhood memories is not the same Reading I see when I go back to make periodic visits. The former -- if it existed at all -- exists no longer. That doesn't mean I get no pleasure from going back there, but it is quite different from what I knew and sometimes those difference are painful to me.

When I was a teenager at church camp in Perkasie, PA, I was enthralled by the spiritual experiences I had in a woodland dell where we met twice a day for worship. Years later, when I had graduated from college and seminary and camps were no longer being held there, I had an opportunity to go back, I hurried to the Dell, wondering if it would still be the same, I was saddened to find it overgrown and in obvious disuse. It was no longer my spiritual "home."

YES, YOU CAN

Yet, looking at it from another perspective, we not only can go home again, but we need to do so. That is, there are times when we need to return to our roots, our principles, our faith. In a sense, the Christian life is a series of periodic returns to the commitments that were made for us when we were baptized and that we made ourselves when we united with the Church. No one, no matter how much he or she may grow and develop in the Christian faith, progresses in a straight line that moves ever upward. Life is like those business charts that show peaks and valleys, highs and lows.

This was the challenge that came to the people of Israel their captivity. Through Cyrus, the Persian King, came the call to "go up to Jerusalem... and rebuild the house of the Lord..." (Ezra 1:3). After all the years that the Jerusalem temple lay in ruins, they would once again rebuild it! Many of the people of Israel were going home!

When they got there, however, they found it was not the Golden Jerusalem of their parents' dreams and grandparents' memories. It was the same place, but different -- very different. And when they finally got the temple rebuilt, even it was not the same as Solomon's Temple that the Babylonians had destroyed. Built on the old foundations, it was another temple, built for another time.

NOT A PLACE

So it is in the life of the church. We too may find ourselves in exile, usually a self-imposed one. When we find ourselves too far away from our roots, it is likely that we have allowed ourselves to drift away. Then, we need to come back home, to return to the bedrock of our faith. In our churches we need to be rebuilding our spiritual temples from time to time. But we can only build on the old foundations a new church for a new day.

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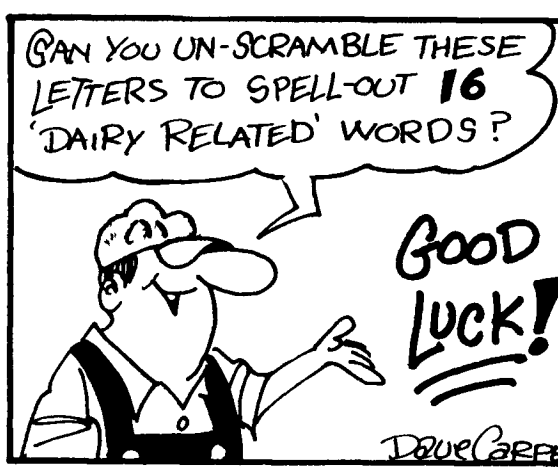

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16) HECESE _____

ANSWERS ON PAGE

Central U.S. Carlot

Pork Report
May 29, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: NO RECENT TEST ON 14-18 LBS. PORK LOINS AND 4-8 LB. BUTTS FOR AN ACCURATE PRICE TREND; 18-22 LBS. LOINS 6.00 LOWER IN THIN TEST. SKND HAMS MOSTLY 1.00 HIGHER; SDLS BELLIES STEADY TO 1.00 HIGHER. SUPPLY AND DEMAND MODERATE, WITH MODERATE MOVEMENT.

81.0 LOADS PORK CUTS
14.5 LOADS TRIM/PROCESS PORK

PORK CUTS

LOINS, REG., FRESH

14-18 LBS.*, 23.5 LOADS, RANGE 115.00-123.00, WGHTD. AVG. 119.06.

¼" TRIM, 14-18 LBS., 23.5 LOADS RANGE 132.00-140.00, WGHTD. AVG 136.38.

18-22 LBS.*, 1.0 LOADS, RANGE 109.00, WGHTD. AVG. 109.00.

¼" TRIM 18-22 LBS., 1.0 LOADS, RANGE 125.00, WGHTD. AVG. 125.00.

COMBOS 22 AND UP LBS., RANGE 93 00, WGHTD. AVG. 93.00 B.

LOIN, BLS CTRCT 5-7 LBS.

2.5 LOADS, RANGE 242.00-247.00, WGHTD. AVG. 244.00.

BNLS SIRLOIN .75-1 LBS.

1.0 LOADS, RANGE 194.00, WGHTD. AVG. 194.00.

TENDERLOIN 1.25/DN LBS.

2.0 LOADS, RANGE 315.00-371.00, WGHTD. AVG. 339.00.

PICNIC, FRESH

FOR SMOKER TRIM, RS, RANGE 59.50, WGHTD. AVG. 59.50 B.

BOSTON BUTT

4-8 LBS. *, 5.0 LOADS, RANGE 80.50-84.00, WGHTD. AVG. 81.60.

¼" TRIM 4-8 LBS., 5.0 LOADS, RANGE 93.50-103.00, WGHTD. AVG. 96.80.

COMBO'S 8/UP LBS., RANGE 79.00, WGHTD. AVG. 79.00 B.

SPARERIB, FRESH

3.5-5.5 LBS., 0.5 LOADS, RANGE 116.00, WGHTD. AVG. 116.00.

LOIN BACKRIB (BOXED) FRESH/FROZEN

1.75/DN LBS., 0.5 LOADS, RANGE 255.00, WGHTD. AVG. 255.00.

1.75-2.00 LBS., 0.5 LOADS, RANGE 240.00, WGHTD. AVG. 240.00.

HAM, SKINNED, SELECTED

FRESH 17-20 LBS., 2.0 LOADS, RANGE 74.00-76.00, WGHTD. AVG. 75.00.

FRESH 20-26 LBS., 21.0 LOADS, RANGE 75.00-76.00, WGHTD. AVG. 75.86.

HAM, SKINNED, COMMODITY

FRESH 17-20 LBS., 1.5 LOADS, RANGE 71.00, WGHTD. AVG. 71.00.

FRESH 20-26 LBS., 4.0 LOADS, RANGE 73.00-75.00, WGHTD. AVG. 73.50.

FRESH 26-32 LBS., RANGE 68.00, WGHTD. AVG. 68.00 C.

FRESH 32/UP LBS., RANGE 68.00, WGHTD. AVG. 68.00 C.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., 3 LOADS, RANGE 55.50-57.00, WGHTD. AVG. 56.00.

FRESH 12-14 LBS., 2.5 LOADS, RANGE 59.00-60.00, WGHTD. AVG. 59.40.

FRESH 14-16 LBS., 3.5 LOADS, RANGE 59.00-60.00, WGHTD. AVG. 59.29.

FRESH 16-18 LBS., 5.0 LOAD, RANGE 57.50-58.00, WGHTD. AVG. 57.60.

FRESH 18-20 LBS., 0.5 LOAD, RANGE 51.00, WGHTD. AVG. 51.00.

FRESH 20-25 LBS., 1.5 LOADS, RANGE 47.00-48.00, WGHTD. AVG. 47.33.

PORK TRIMMINGS

BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 4.0 LOADS, RANGE 46.00, WGHTD. AVG. 46.00.

BOXED 42% FROZEN, 1.0 LOAD, RANGE 45.50, WGHTD. AVG. 45.50.

COMBO 72% FRESH, 2.0 LOADS, RANGE 84.00-85.00, WGHTD. AVG. 84.50.

BOXED 72% FROZEN, RANGE 82.00, WGHTD. AVG. 82.00 A.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 7.0 LOAD, RANGE 83.50-85.00, WGHTD. AVG. 84.14.

BOXED 72% FROZEN, RANGE 82.00-84.00, WGHTD. AVG. 83.50 A.

SKINNED JOWLS

COMBO FRESH, 0.5 LOADS, RANGE 38.00, WGHTD. AVG. 38.00.

BOXED FROZEN, RANGE 41.00, WGHTD. AVG. 41.00 A.

NOTE: (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
Wednesday, May 29

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. WEDNESDAY'S CARCASS GRADES & PRICES PER CWT.:

CHANGE FROM TUES.'S VALUE US #1 75.35, CHANGE -0.96; US #2 73.02, -0.91; US#3 70.69, CHANGE -0.86; US#4 68.36, CHANGE -0.81.

TODAY'S CALCULATIONS FOR US#2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OF CARCASS, 73.25 VALUE, CHANGE FROM TUES. VALUE 1.25; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 136.00 VALUE, CHANGE FROM TUES. -4.00; BELLIES, SDLS., 12-14 LBS., 13.90% OF CARCASS, 59.50, CHANGE FROM TUES. VALUE 0.50; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 142.00, CHANGE -5.00.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 56.25 VALUE; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 97.00 VALUE, CHANGE -4.00.

JOWL, 2.85% OF CARCASS, 38.00 VALUE; NECKBONES, 1.52% OF CARCASS, 12.50 VALUE.

FEET, 1.05% OF CARCASS, 14.00 VALUE; TAILS 0.22% OF CARCASS, 39.00 VALUE.

TRIM 72%, 2.19% OF CARCASS, 84.50 VALUE, CHANGE FROM TUES. 0.50; LARD 10.85% OF CARCASS, 11.25 VALUE.

TOTAL CARCASS: 94.51%.

US #2 CARCASS VALUE PER CWT.: 73.02.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Central U.S. Carlot

Beef Report
May 29, 1991
Report supplied by USDA

(INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3:00 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT: UTILITY COW CARCASSES UNEVEN, AVERAGING STEADY TO FIRM WITH CUTTER FIRM TO 2.00 HIGHER. OFFERINGS FAIRLY LIGHT WITH DEMAND MODERATE.

COW & BULL CARCASSES
FOB OMAHA BASIS
14 LOADS REPORTED.

UT,BRK 2-4 450 AND UP, 4 LOADS, RANGE 91.00, LATEST ESTB. MKT. 91.00.

UT,BNG 1-3 400 AND UP, 5 LOADS, RANGE 94.00, LATEST ESTB. MKT. 94.00.

CUTTER 1-2, 4 LOADS, RANGE 105.00-107.00, LATEST ESTB. MKT. 105.00-107.00.

BULLS 500/UP YG 1, 1 LOAD, RANGE 111.00, LATEST ESTB. MKT. 111.00.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
131 LOADS REPORTED

BONELESS PROCESSING BEEF STEADY TO 1.00 HIGHER. OFFERINGS FAIRLY LIGHT WITH DEMAND LIGHT TO MODERATE. BEEF TRIMMINGS FIRM ON MODERATE TO FAIRLY GOOD DEMAND AND OFFERINGS.

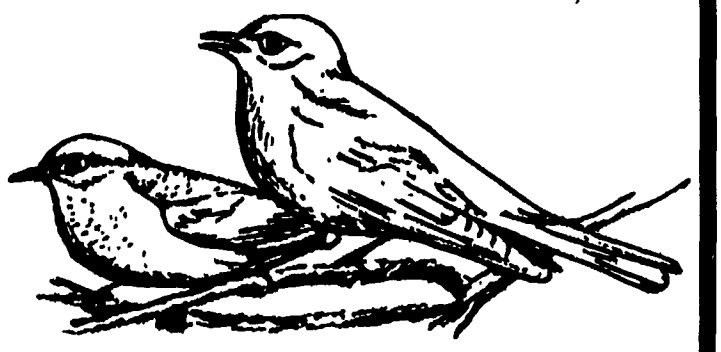
FOB OMAHA BASIS: 90% FR 11 LDS. RANGE 139.00-141.5 WT AVG 140.59; 90% FZ UNQ, UNQUOTED; 85% FR, RANGE 133.0, WT AVG 133.00 C; 85% FZ UNQ; 75% FR, 2 LDS. RANGE 107.0, WT AVG 107.00; 75% FZ, UNQ; 65% FR 1 LD. RANGE 91.00, WT AVG 91.00; 65% FZ UNQ; 50% FR, 88 LOADS, RANGE 60.00-61.00, WT AVG 60.66; 50% FZ, 2 LOADS, RANGE 64.00, WT AVG 64.00; BULL 92-94, 1 LD. RANGE 154.00, WT AVG 154.00.

Extra **Advantages**

EARLY SALES OFFERS FOR SPRING 1992 EXTENDED THRU JUNE 30, 1991

SEE NEW HYBRIDS BELOW FOR 1992

OUR 60TH ANNIVERSARY YEAR



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MUNCY-CHIEF SEED CORN
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IN BULK OR EVEN WEIGHT BAGS
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SAVE $15.10 PER BUSHEL

MOST HYBRIDS AVAILABLE ALL GUARANTEED TOP QUALITY

	MF	MR	UR
Single Cross	$49.90	$47.90	$46.90
3 Way Cross	$44.90	$42.90	$41.90
Double Cross	$39.90	$37.90	$36.90

Prompt Delivery Or Spring 1992

RETAIL - Smaller Amounts Or In Seed Bags

Single Cross	$70.00	$68.00	$67.00
3 Way Cross	$65.00	$63.00	$62.00
Double Cross	$60.00	$58.00	$57.00

Prompt Delivery Or Spring 1992

SEEDS IN REGULAR SEED BAGS OR IN BULK DELIVERY 1991
AND ADVANCE PRICES ON SEED CORN FOR 1992

Muncy-Chief has planted these new hybrids for 1992 our 60th anniversary year

Muncy-Chief XA7790 - 110-115 Days
Muncy-Chief XA7766- 110-115 Days
Muncy-Chief XA4492 - 95-100 Days
Muncy-Chief SX3602 - 88-93 Days
Muncy-Chief SX2220 - 85-90 Days
Muncy-Chief SX1010 - 80-82 Days

These are all offered for early sales in bags at regular single cross prices subject crop yields and unsold

SOYBEANS BULK BASIS 30 BU. LOTS		Bagged
Cert. Soybeans Williams 82	9.50	10.00

Prompt Delivery Spring 1991

DELIVERED PRICES TO DEALERS OR DEALERS PLACE OR WAREHOUSE
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Southwest Virginia Livestock Summary

Wytheville, Va.
Tuesday, May 28, 1991

ALL TRENDS COMPARED TO LAST TUESDAY SLAUGHTER HOGS 19 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 1-3, 200-250 LB. 51 25 SOWS US 1-3, 300-500 LB. 41.50

SLAUGHTER CATTLE 63 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 58 HEAD COWS CUTTER & BONING UT. 1-3 52.00 - 57.00 BREAKING UT. & COMM. 2-4 53 00 - 60.00 CANNER AND LOW CUTTER 1-2 43.00 - 50 50

SLAUGHTER BULLS 5 HEAD BULLS Y.G. 1-2, 900-1300 LB. 67.00 Y.G. 1-2, 1300-1600 LB. 60 00 - 66.50 Y.G 1-2, 1600 LBS. & OVER 63.50.

LAMBS TOTAL RECEIPTS 199 HEAD - NO TRENDS REPORTED SLAUGHTER LAMBS 121 HEAD SPRING CHOICE AND PRIME, 95-125 LB. 52 50 CHOICE, 85-125 LB. 51.00 FEEDER LAMBS 27 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 55.00 CHOICE AND FANCY, 60-70 LB. 55.00 EWES & RAMS 51 HEAD EWES ALL GRADES 13 00 - 16 00 RAMS ALL GRADES 13 00 - 15 00.

FEEDER CATTLE 124 HEAD - NO TRENDS REPORTED STEERS MEDIUM 1 MED & LARGE 2 200-300 115.00-126.00 100.00-109.00 300-400 108.00 92.00 400-500 105.00-110.00 90.00-100.00 500-600 96.00- 98.00 - 500-700 - 86 00- 90 00 700-800 - 82.00-84.50 HOLSTEIN STEER MED & LARGE 2 700- 900 75.50.

HEIFERS MEDIUM 1 MED & LARGE 2 200-300 106.00-107.00 - 300-400 102.00-107.00 96 00-101 00 400-500 92.00- 97.00 88 00- 95 00 500-600 - 84 00-85 50 600-700 - - 700-800 77.00 - BULLS MEDIUM 1 200-300 95.00-105.00 300-400 91 00- 94 00 400-500 - 500-600 88 00- 93 00 600-700 84 00 COWS WITH CALVES AT SIDE 10 PAIR; M-1, 5-8 YR OLD 900-1050 LBS WITH CALVES 90-350 LBS $670.00-845.00 PER PAIR. BABY CALVES RETURNED TO FARMS 50 HEAD NEWBORN TO 4 WK OLD $80.00-200.00 MOSTLY $110.00-180.00 PER CWT.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, May 28, 1991
Report Supplied by PDA

CATTLE 101 PDA...Compared with last weeks market: Slaughter cows strong to 2.00 higher on smaller supply. One Select sl. steer 71.25; One Choice Holstein 68.25, few Select 65.25-67 50, one Standard 64.25. One Choice Hol. heifer 70.00, few Standard 56.75-62.25; two Choice Holsteins 64.75&65.75, few Select 61.00-62.00. Breaking Utility & Commercial sl. cows 53.75-57.25, few 58.00, Cutter & Boning Utility 52.25-56.75, few 57.25, Canner & Low Cutter 47.75-53.50, Shells down to 36.00. One Standard sl. bullock 65.00. One Yield Grade No. 1, 1850 lbs. sl. bull 65.75. Feeder Cattle: Few Large Frame No. 2, 545/770 lbs. Holstein heifers 53.00-64.00.

CALVES 184... Supply included an estimated 85 percent sold to return to farm ...Vealers too few to trend. One Choice vealer 105.00, few Standard and Good 65/96 lbs. 70.00-87.00, Utility 50/75 lbs. 50.00-60.00. Farm Calves: steady to strong; Hol. Bulls No. 1, 85/120 lbs. 165.00-227.00, No. 2, 80/110 lbs. 125.00-200, few down to 102.00; No. 1, Hol. Heifers 80/200 lbs. 80.00-150.00, few 197.00. Few Beef cross 85/110 lbs. bulls and heifers 130.00-140.00.

HOGS 95...Barrows and gilts: small supply 1.50 lower. Few Lots US No. 1-2 220/260 lbs. 53.50-55.25, few lots 1-3 230/270 lbs. 52.85-53.75. Sows: small suyly weak to 1.50 lower. US No. 1-3 320/630 lbs. sows 41.00-46.75, one 700 lbs. 40.00. Few Boars 41.25-41.50.

FEEDER PIGS 0...No market test - per head.

SHEEP 10...High Choice & Prime 52/90 lbs. spring slaughter lambs 54.00-59 00. One Slaugher sheep 10.00 - all Cwt.

GOATS 1...Large 40.00 - all per head.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, May 28, 1991
Report supplied by auction

SLAUGHTER COWS: 45 HD. STEADY PRICES. UTILITY 53.00-56.25; HIGH DRESSING TO 57.75; CANNERS 48.00-53.00; SHELLY 48.00 AND DOWN.

BULLS: 9 HD. PRICES HIGHER. YG#1 1100-2050 LBS. 67.00-73.00; YG#2 61.00-66.00.

FED STEERS: 20 HEAD. NO HIGH CHOICE OR PRIME. CHOICE 72.00-76.00; SELECT AND LOW CHOICE 68.00-72.00; SELECT 64.00-68.00; HIGH CHOICE HOLSTEIN 1500-1600 LBS. 68.00-71.00.

FED HEIFERS: FEW OFFERED. SELECT 800-1025 LBS. TO 65.00; HOLSTEINS TO 59.25.

VEAL CALVES: GOOD DEMAND. CHOICE 200-300 LBS. TO 110.00; 2 HOLSTEINS 415 AND 465 LBS. 92.00-94.50; CULLS 80-110 LBS. 77.00-85.00; 50-80 LBS. 65.00-75.00; WEAK/ROUGH 60.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 85-120 LBS. 180.00-206.00; #2 130.00-180.00; 70-80 LBS. 120.00-170.00; HOLSTEIN HEIFERS 90-120 LBS. 120.00-152.00; BEEF X BULLS 80-120 LBS. 105.00-165.00.

BUTCHER HOGS: 65 HD. STEADY PRICES. US#1-2 250 LBS. 55.00; US#1-3 215-260 LBS. 53.00-54.00; 260-280 LBS. 48.00-50.50; 300-400 LBS. 43.00-44.75; #2 AND 3 TO 40.75.

SOWS: 30 HD. .50 HIGHER. US#1-3 300-500 LBS. 43.50-45.50; 500-700 LBS. 45.00-47.25; #2 AND 3 40.00-42.50.

BOARS: FEW TO 40.75.

STOCK CATTLE: 65 HEAD. STEERS, NO LIGHTWEIGHTS. 400-600 LBS. 78.00-85.00; 600-700 LBS. 75.00-90.00; 700-900 LBS. 65.00-78.00; 900-1000 LBS. 65.00-77.00.

HEIFERS: 400-500 LBS. 80.00-94.00; 500-700 LBS. 70.00-82.00; 700-800 LBS. 65.00-71.00.

BULLS: 300-400 LBS. 90.00-101.00; 400-500 LBS. 80.00-91.00; 500-700 LBS. 68.00-80.00; 700-900 LBS. 68.00-73.00; 900-1050 LBS. 60.00-68.00.

LAMBS: 90 HEAD. PRICES LOWER. CHOICE 100-120 LBS. 56.00-64.00; 60-99 LBS. 58.00-66.00, FEW TO 75.00; 40-60 LBS. 60.00-70.00, FEW TO 77.00; MEDIUM 25-60 LBS. 43.00-50.00.

SHEEP: 30 HEAD 15.00-26.00; YEARLINGS 35.00-45.00.

GOATS: 74 HEAD. LARGE 55.00-90.00, FEW TO 102.00; MEDIUM 35.00-60.00; SMALL 16.00-32.00.

PIGS AND SHOATS: BY THE HEAD, 20-30 LBS. 27.00-35.00; 35-50 LBS. 40.00-49.00; 55-70 LBS. 60.00-66.00; BY THE POUND, 160-180 LBS. 59.00-63.00; 120-140 LBS. 63.00-65.00.

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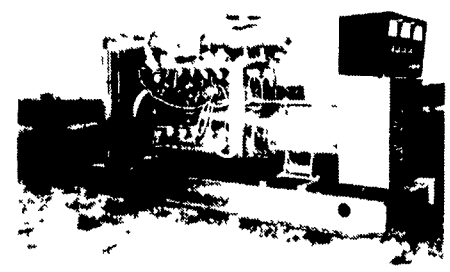

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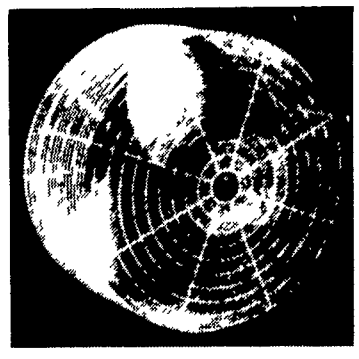

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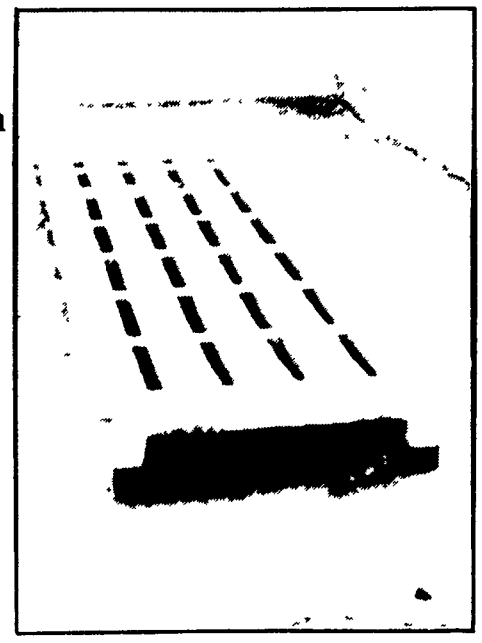
7/8", 1" or 1-1/4" Slot

2' or 4' Hog "Waffle Slats" can be custom made to any length that is suitable for your barn.

2' Hog "Waffle Slats" only weigh 25 LBS. per sq. ft. so you can carry into existing barn.



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"WAFFLE SLAT"®

Philadelphia Fruit Market

Wednesday, May 29, 1991

GRAPEFRUIT STEADY FL 4/5 buctn Indian River Red 23-27s 11.00-12.00 ord cond 3.00-5.00 32s 11.00-12.00 mos 11.00 ord cond 3.00-5.00 36-56s 11.00 ord cond 3.00-5.00 fair qual 23-56s 8.00-9.50 ord cond 3.00-5.00 White 27s 6.00-9.00 fair qual 27-40s & 56s 5.00-6.00 CA ctn Red 23s 10.50 27s 11.50 32-36s 13.50 48s 12.00 56s 9.50 AZ ctn Red 23s 9.50 27s 11.00 32-40s 14.00.

LEMONS STEADY CA ctn 95-115s 30.00 140s 27.00-28.00 165s 24.00-26.00 mos 25.00 200s 20 00-21.00 fair qual 95s 25 00 115s 24.00-25.00 mos 24.00 140s 24.00- 26.00 mos 25.00-26.00 165s 23.00-25.00 mos 23.00-24.00 200s 18.00-19.00 235s 10.00-13.50 ord qual 95s 18.50 115-140s 17.50-18.50 165s 14.00-16.00 200s 9.00.

LIMES STEADY 10-lb ctn Persian Seedless type FL 42s 4-4.50 48s 3.50-5.00 mos 3.50-4.00 few 3.00 54s 3.00-4.00 mos 3-3.50 few 5.00 63s 3.00-4.00 mos 3-3.50 few 2.50 occ 4.50 MEXICO 48s few 5.00.

MISCELLANEOUS CITRUS OFFERINGS INSUFFICIENT TO QUOTE.

ORANGES HIGHER FL 4/5 buctn Valencia 56s 11.00-11.50 64s 11.00-12.00 few 12.50 80s 11.50- 12.00 some 11.00 100s 11.50-12.00 few 12.50 125s 11.50-12.00 CA ctn Valencia fair qual 88s 15.00 MEXICO ctn Valencia fair qual 48-88s 18.00 ISRAEL 15-kilo ctn Shamouti fair cond 60s 13.00 72s 12 50 88s 12 00 MORROCCO 15-kilo ctn Valencia fair cond 90s 7.00-10 00 100s 10.00

TANGELOS NO OFFERINGS.

TANGERINES NO OFFERINGS.

TEMPLES FL 4/5 buctn 80-125s 10.00-11.00.

APPLES STEADY CONTROLLED ATMOSPHERE STORAGE ctn tray pack WA Red Delicious WAExFcy 88s 21.00 100s 20.00-21.00 113s 19.00 preferred labels 64-72s 26.00 80s 25.00 88s 24.00-25.00 100s 24.00 113s 22.50 USExFcy 72-80s few 22.00 88s few 21.00-22.00 fair appear 17.00 100s 18.50-20.00 113s 19.00 125s 17.00 USFcy 100s 17.50 US#1 Hail Grade 100-113s 16.00 Golden Delicious WAExFcy 88s 22.00 one label 80s 25.00 88-100s 24.00 USExFcy 80s 20.00 88s 19.50-22.00 100s 16.50-18.50 few 19.00 113s 16.50-17.50 125s 16.00 ctn cell pack WA Golden Delicious USExFcy 96s 22.00-23.00 120s 17.00 ctn 12-3 lb film bags WA Red Delicious 2-1/4" min USExFcy 16.00 NY McIntosh 2-1/4" min US#1 13.00 NEW CROP ctn tray pack CHILE Granny Smith 80s 17.50 90s 15.00- 16.50 88s 15.00-16.50 100s 15.00-17.00 mos 15.00-15.50 NEW ZEALAND Granny Smith 88s 25.00 100s 23.00 Braeburn 88s few 35.00.

APPLE-PEARS OFFERINGS INSUFF TO QUOTE.

APRICOTS CA 2-lyr ctn Katy fair cond 72s 14.00-15.00 84s 12 00-13.00.

AVOCADOS STEADY CA 1-lyr ctn Gwen 20s 13.00 2-lyr ctn Hass 48s 25.00-26.00 few 24.00 60s 25.00

BANANAS Imports ctn approx 40-lb 14.50-15.00 fair qual 11.00-12.00 film wrpd 14.00 Institutional pack Petite 150s 12.00.

BLACKBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

BLUEBERRIES LOWER NC flats 12-1 pt film wrpd cups mos med 11.00-12.00.

CHERRIES CA 18-lb lug via air Bing 10 row sz few 55.00 11 row sz few 50.00 Early Bing 13 row sz 35.00 Garnet 12 row sz & lgr 45.00 Larian 12 row sz 34.00 13 row sz 33 00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14 00

CRANBERRIES NO OFFERINGS.

GRAPES-TABLE HIGHER CA 22-lb lug Perlette 38.00-44.00 MEXICO 22-lb lug Perlette 38.00-40 00 occ 42 00 Flame Seedless 43.00 few 50.00-55 00 CHILE 18-lb lug wrpd Thompson Seedless fair cond 18.00-22.00 few 17.00 Ribier 15.00-18.00 few high as 20.00 ord cond 5.00-7.00.

KIWIFRUIT STEADY CA 1-lyr flat 33s 7.50 36s 7.00 42s 6-6.50 CHILE 1-lyr flat 25s 7.50 30s 8.50 36-39s 7.50-8.00 mos 7.50 42s 7.00 3-lyr lugs 108s 18.50 117-126s 19.50-20.00.

MANGOS LOWER FL flat ctn Tommy Atkins 10s 7.00-8.00 12s 8 00 MEXICO flat ctn Haden 12s fair cond 6.50 HAITI flat ctn Francis 12-14s 7-7.50.

NECTARINES ABOUT STEADY CA 25-lb ctn May Glo 72 sz few 36 00 80 sz 33.00 96 sz few 24.00 Aurelio Grand 80 sz 25 00 84 sz 30.00 88s sz 22 00 occ 30 00 Early Glo 84 sz 24 00-25.00 96 sz 21 00 2-lyr ctn Mayfire 96s 14.00-15.00.

PAPAYAS HAWAII flat ctn via air 9s 14.00.

PEACHES LOWER 3/4 buctn USEx#1 unless otherwise stated SC Susie Q 2-1/8 - 2-1/4" 18.00 few hias 22.00 2 - 2-1/8" 14.00-16.00 1-7/8 - 2" 10.00-12.00 1-7/8" & up 8.00-10.00 Classic 2-1/8 - 2-1/4" 16.00 CA 2-lyr ctn Queen Crest 56s 17.00 64s 15.00 --PEARS STEADY WA Controlled Atmosphere Storage 4/5 buctn D'Anjou wrpd WAExFcy 80-90s 30 00 100s 26.00 110s 25.00 120s 24.00 135s 20.00 US#1 80s 25.00 100s 21.00-23.00 110s 20.00 120s 20 50 135s 18 00-18 50 mos 18 00 150s 16.50 AUSTRALIA approx 40-lb ctn wrpd Bosc 80-90s 35 00 105s 32 00-35 00 120s few 34.00.

PERSIMMONS CHILE 1-lyr flat Hachiya 18-24s fair cond 5 00-6.00

PINEAPPLES HAWAII ctn via air 6s 12 00 COSTA RICA 2-lyr ctn 8s 12 00 DOMINICAN REPUBLIC 2-lyr ctn 12s 11.00.

PLUMS OFFERINGS LIGHT CA 28-lb ctn Red Beaut 4x4 sz few 37.00 3x4x5 sz 32.00 4x5 sz 26.00.

POMEGRANATES NO OFFERINGS.

RASPBERRIES LOWER CHILE flats 12-1/2 pt film wrpd cups via air Red 42.00-45.00 mos 45.00.

STRAWBERRIES HIGHER CA flats 12-1 pt bkt med-lge & few lge 8.00-9.00 few hias 10.50 fair cond 4.00-6.00 NJ ctns 8-1 qt bkts sml-med fair qual 4.00 poor cond .90-1.00.

CANTALOUPS ABOUT STEADY TX 1/2 ctn 6s 10.00 9s fair qual 14.00 12s fair qual 15.00 fair cond 10.00 15s 20.00 fair cond 12.00 18s 23.00 fair cond 10.00 CA 1/2 ctn 12s fair qual 15.00 15s 25.00 18s fair qual 17.00-18.00 FL 1/2 ctn 9s 12.00-15.00 12s 14.00-15.00 15s 16.00-18.00 18s 18 00.

HONEYDEWS LOWER TX 2/3 ctn 4-5s fair cond 10.00 6s 11.00-12.50 9s fair cond 8.00-10.00 CA 2/3 ctn 5s 14.00 6-8s 13 00 9s 13.00-14.00 PANAMA 2/3 ctn 5s 14.00.

MISC MELONS 2/3 ctn CA Crenshaw 8-9s 15.00.

WATERMELONS ABOUT STEADY FL avg weight per melon Jubilee 32-lb 7.50-8.00 Royal Sweet 22-lb 4 75-5.00 Jubilation 16-lb 3.50.

Kutztown Produce Auction

Fleetwood, PA

10 a.m. May 28 and 30

Report Supplied by Auction

APPLES: RED DELICIOUS 3.25-10.00 BU.

ASPARAGUS: .55-1.45 12 OZ. BUNCH.

BROCCOLI: .25 HEAD.

EGGS: LGE. .35-.50 DOZ.

LETTUCE: .25-.80 HEAD, LEAF .10-.55 A BAG.

SPRING ONIONS: .11-.50 BUNCH.

POTATOES: (NEW) 10 LBS. 3.60 PK; 50 LBS. 1.00 AND RED, 50 LBS. 2.50-2.75.

RHUBARB: .60 BUNCH.

SPINACH: 1.50 ½ BU., 2.00-3.50 1 1/9 BU.

STRAWBERRIES: 5.00-13.00 8 QT. FLAT.

SUGAR PEAS: 5.00-16.00 10 LBS.

SUGAR SNAP PEAS: 8.50-16.00 ½ BU.

RED BEETS: .95 BUNCH.

HULL PEAS: 8.00-11.50 ½ BU.

TOMATOES: (GREENHOUSE) #1 11.00-19.00 10 LBS.

FLOWER BEDDING PLANTS: 2.25-7.50 FLAT.

GERANIUMS: 1.30-1.80 EACH.

HANGING BASKETS: 7.50-11.00 EACH.

PLANTERS: 3 00-7.00 EACH

POTTED PERENNIALS: 50-1 60 EACH.

CANTALOPES AND WATERMELONS: 1.00-5.00 FLAT.

VEGETABLE PLANTS· TOMATOES, PEPPERS, CABBAGE, EGGPLANT· 1.25-8.00 FLAT.

NEXT WEEK'S SALE DAYS MON., TUES., THUR. AND FRI. AT 10 A.M.

HAY, 11 LOADS.

ALFALFA MIX: 39.00-100 00.

TIMOTHY: 55.00-69.00.

STRAW: (OAT AND WHEAT) 3 LOADS, 37.50-50.00.

EAR CORN: 1 LOAD, 30.00.

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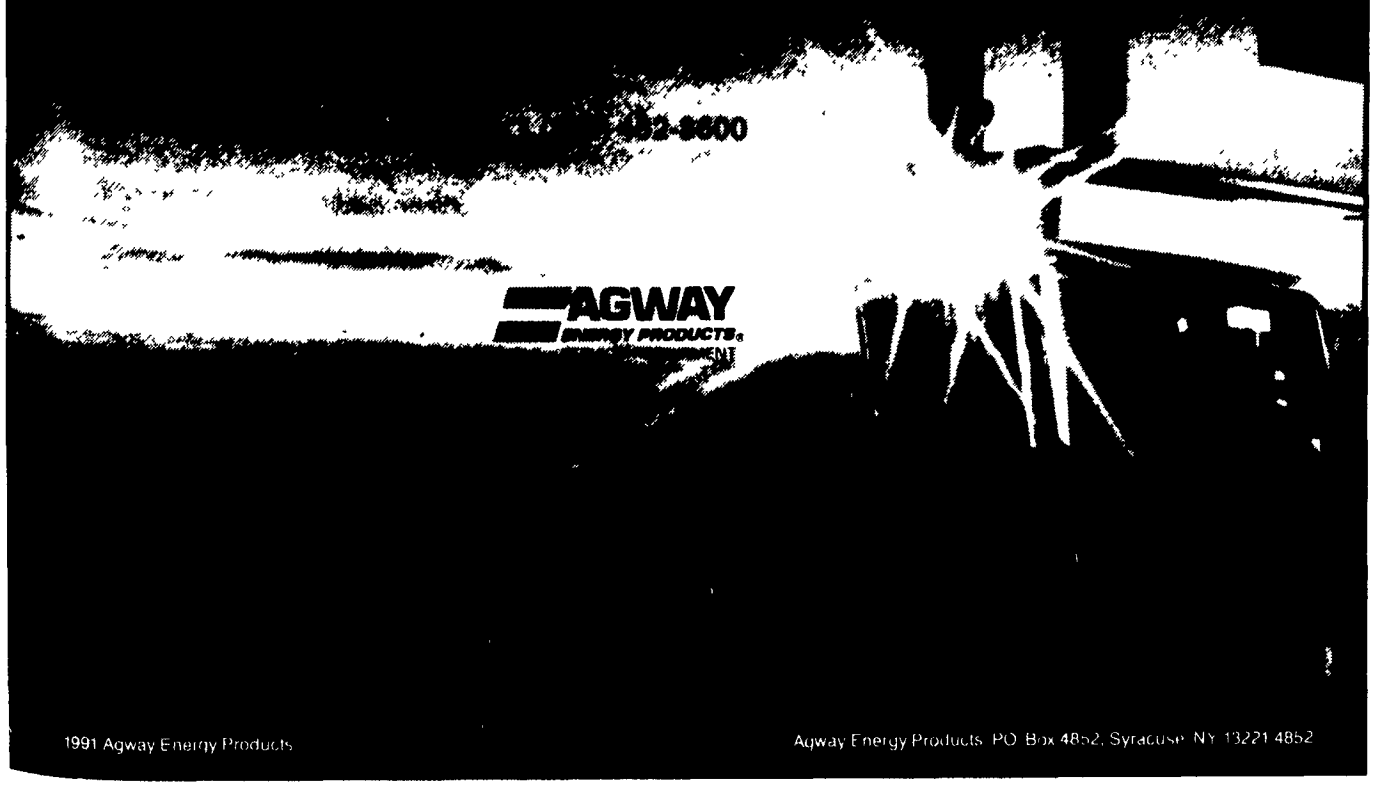
For maximum yield from your farm, get maximum yield from your diesel equipment. Premium Green Diesel™ helps you do it, now with a minimum cetane rating of 45.

Higher cetane means faster, cleaner combustion. So you can start quicker and work longer with less cold-idling time, fewer misfires, less engine roughness, less exhaust smoke, increased engine life and better fuel economy throughout the year.

You also get the benefits of additives that stop rust, block sludge and keep your injection system clean.

If you want the diesel fuel that works as long and hard as you do, get the Premium Green Difference. For details, call Agway Energy Products today.



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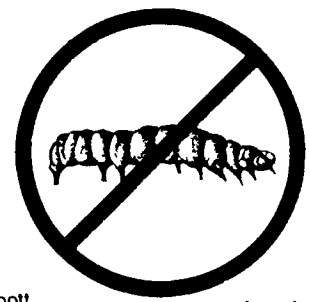

Abbott Laboratories 1-800-535-6545

Philadelphia Vegetables

Philadelphia, Pa.
Wednesday, May 29, 1991

ARTICHOKES CA ctn 36s fair cond 4 00 48s fair cond 4 00 60s 15 00 fair cond 4 00.

ASPARAGUS CA LOWER, OTHERS ABOUT STEADY CA 30-lb ctn/crt lge 20 00-22 00 mos 20.00 fair qual 18 00 std 22 00 few 20.00 30-lb crt Long Green bchd 24s lge 25.00 WA WAExFcy 30-lb crt jbo 23.00 lge 25.00 std 26.00 30-lb Long Green bnchd 24s lge/std 24.00-25 00 15-lb crt jbo 12 50 NJ crt bchd 12s fieldrun 18 00 VA 30-lb ctn lse std 12.00.

BEANS ABOUT STEADY various bu containers Round Green type unless otherwise stated GA 10 00- 12.00 fair cond 6.00-7.00 SC 10 00 few 12.00 NC 10 00-11 00

BEETS ABOUT STEADY NC crt bchd 12s 7.00 FL topped 25-lb film bags 7.00 NJ crt bchd 12s 7.00 few hgr.

BROCCOLI SLIGHTLY HIGHER CA ctn bchd 14s 10 00-10.50 few hias 12 00 18s 11 00 fair cond 8 00 Crowns 12 50.

BRUSSEL SPROUTS CA 25-lb ctn 16 00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated GA 8 00 NC 9 00-10 00 fair cond 5.50-6 00 Red 12 00-14 00 fair qual 10 00 Savoy 14 00 VA 7 00- 8.00 CA Red 13 00 fair cond 9.00 NY 50-lb sks lge 8-8 50 occ 7 00 Red 10.00-11 00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 12 00-13.00 few 11.00 50-lb sacks loose jumbo AZ 22.00 CA 25 00 50-lb ctn loose med-lge CA 14.00-15 50 ctn bchd 24s CA 10 00-11.00 Miniature type CA ctn bchd 24s 12 00 occ hgr.

CAULIFLOWER HIGHER CA ctn film wrpd 9s 12 00-13.00 few hias 15 00 12s 13 00-15 00 mos 14.00- 15.00 few 17.00 fair qual 11.00 16s few 10.00.

CELERY ABOUT STEADY CA ctn 2 doz 18 00-20 00 2-1/2 doz 20.00-21.00 few 18 00 3 doz 18.00-20 00 fair qul 15 00 FL ctn 2-1/2 doz fair appear 12.00-14.00.

CHINESE CABBAGE ABOUT STEADY FL 1-1/9 bucrt 6 00 NJ 1 29 bucrt 6 00 CA 50-lb ctn Nappa 12 00-13 00 Bok Choy 14.00

CORN ABOUT STEADY FL wirebound crt 48 ears min White 11.00-12 50 mos 11.50-12 00 fair qual 10.00 few lwr Yellow 10 00-10 50 mos 10 00.

CUCUMBERS ABOUT STEADY 1-1/9 buctns waxed medium unless otherwise stated FL 18.00-20 00 fair appear 14.00-16.00 GA fair qual 12 00-14.00 SC 22.00 PA ctns gmhse 12s 6 50-7 00

DAIKON CA 40-lb ctn 12 00-13 00

EGGPLANT ABOUT STEADY FL buctn wrpd med 18 00-20.00 few 16 00.

ENDIVE ABOUT STEADY NJ 1-1/9 bucrt 7 00-8 00 few 6 00 OH ctn 24s 6 00 BELGIUM 10-lb ctn Wit-loof type 13 00.

ESCAROLE ABOUT STEADY NJ 1-1/9 bucrt 8 00-9 00 fair cond 6 00-7 00 OH ctn 24s 10 00

GARLIC per lb MEXICO 30-lb ctn White super colassal 1.58 colassal 1.50 super jumbo 1.33 extra jumbo 1.17 Purple super colassal 1.58 colassal 1.50.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NC Collards & Kale 7.00 Mustard 6.00-6.50 NJ Mustard, Turnip Tops & Rape 6.00-6.50 Broccoli Rabe 6.00 Dandelion 7.00 PA Mustard, Turnip Tops & Rape few 6.00 CA 24s Red Kale 15.00.

LEEKS ABOUT STEADY NJ crt bchd 12s 12.00 CA ctn bchd 12s 10.00-11 00.

LETTUCE LOWER ctn 24s unless otherwise stated CA Wide range in appear 27.00-28.00 mos 28.00 fair qual 24.00-25.00 film wrpd 25.00 38s few 20.00 NJ 20 00-22 00 fair qual 18 00 ROMAINE HIGHER CA 24s ctn 16 00-19 00 mos 17 00-18.00 few 20.00 crt 20 00-21 00 occ 23 00 NJ crt & ctn 24s 11.00-12.00 sml 8.00-10.00 BOSTON CA ctn 24s 9.00-9.50 NJ crt 24s 4.00-5.00 OH ctn 24s 6.00 BIBB NJ sml crt 6.00 few 3 00-4 00 OH sml ctn 4 50-5 00 LEAF CA ctn 24s 10.00 few 11.50 fair cond 8.00 Red 12.00-13 00 fair qual 8 00-10 00 NJ crt 24s fair qual 6 00-7 00.

MUSHROOMS ABOUT STEADY PA 4-qt bkt med-lge 4.50-5.50 mos 5.00 sml-med 3.50-4 50 mos 4 00 10-lb ctn med 8 50-9 50 mos 9 00 lge 10.50-11 50 mos 11.00 packages 10-12 oz 8 50- 9.50 mos 9 00 3-lb ctn Shiitake 14 00-15 00 fair qual 9 50-10 00 mos 10.00

OKRA OFFERINGS INSUFFICIENT TO QUOTE

ONIONS-GREEN ABOUT STEADY CA ctn bchd 48s 7 00-9.00 few lwr MEXICO ctn bchd 48s 6 00-7 00 NJ ctn bchd 48s 7 00-9 00.

PARSLEY SLIGHTLY HIGHER bchd 5 doz Curly unless otherwise stated NJ crt 12 00-14.00 Plain 14.00- 15.00 CA ctn 13.00-14.00.

PARSNIPS NJ 1/2 buctn 8.00-9.00.

PEAS-GREEN ABOUT STEADY CA 10-lb ctn per lb Sugar type 1.00-1.20 mos 1.00-1.10 fair cond 80 Sugar Snap type 1 20-1.30 GUATEMALA 10-lb ctn per lb Sugar type 1.10-1.30

PEAS-SOUTHERN OFFERINGS LIGHT FL buhpr Purple Hull few 15.00.

PEPPERS LOWER 1-1/9 buctns Calif Wonder type Green unless otherwise stated FL exlge 22.00 few 20 00 occ lwr lge 18.00-20 00 few 16 00 med fair qual 14.00-16.00 sml 10 00 Mixed Red lge fair qual 12 00-14.00 fair qaul 10.00 NETHERLAND 5 kilo ctn Red lge 25.00 Yellow lge 22 00.

RADISHES ABOUT STEADY OH ctn Red 30-6 oz film bags 4.00-5.50 ctn 14-1 lb film bags 5.25 bchd 6.00.

RHUBARB WA 20-lb ctn fair qual 10 00

RUTABAGAS OFFERINGS INSUFFICIENT TO QUOTE

SPINACH ABOUT STEADY CA Flat type ctn/crt 11.50 NJ Savoy type bubkts 7 00-9 00 mos 8.00 few 10.00 occ lwr.

SQUASH ABOUT STEADY 1/2 & 5/9 bucrts & ctns unless otherwise stated GA Zucchini sml-med 6.00- 8 00 mos 7.00 med 4 50-5 00 few 6 00 Yellow Straightneck sml-med 6 00-7 00 med 5 00-6 00 NC Zucchini sml-med 8.00 Yellow Straightncek sml-med 6.00- 7.00.

SWEET POTATOES ABOUT STEADY NC 40-lb ctn US#1 Jewel type cured med 7.50.

TOMATOES ABOUT STEADY 25-lb ctn Pink to Red 85% or better US#1 qual unless otherwise stated FL 5x6s 22.00-24.00 mos 22.00-23.00 occ lwr 6x6s 19.00-20.00 fair qual 5x6s 20.00-21 00 6x6s 19.00 20# ctn 5x6s ord cond 3.00-5.00 VINERIPE CA 2-lyr ctn 4x4s 21.00 4x5s 21.00 5x5s 20.00 1-lyr ctn 4x4s 15.00 PLUM TYPE FL 18.00 fair qual 12.00-14.00 CHERRY TYPE flats 12-1 pint trays FL Red 12.00 fair qual 9.00-10.00.

TURNIPS Topped NJ 25-lb mesh bags med 5.00.

VEGETABLES-OTHER Radicchio 1-lyr flat ITALY 12s 14.00.

WATERCRESS FL ctn bchd 24s 10.50.

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JD B w/Cultivator $750
JD 1050 MF WD w/Loader $9,500

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 653 6 Row 30" Bean Head $4,450
JD 4420 Combine, Loaded, Nice
JD 13' Quick Tach Rigid Grain Head $1,850
JD 213 Rigid Grain Head w/Pickup Reel $3,650
NI 2 Row Wide w/12 Roll Bed $3,650
JD 4425 Combine, Nice
JD 444 4 Row Wide Corn Head $3,650
JD 213 Flex He SOLD $3,450
JD 213 Rigid Head For Side Hill $2,650

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD 1209 Mo SOLD nditioner $3,650
JD 24T Baler w/#30 Ejector $2,850
NH #499 12' Hydraulic Haybine $7,350
JD #30 Hydraulic Bale Ejector $1,500
JD 50 Side Mtd. Mower For 3020, Etc. $450
Gehl 800 Harvester w/Almost New Wide Pickup, 1 SOLD
JD #39 7' 3 Pt. Mower $1,050
NH 1880 Self Propelled Hydro Harvester w/3 Row Auger Base Head $7,950

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc $2,550
Brady 18' Folding Field Cultivator $2,150
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
JD 12' Plowing Disc, Sharp $3,450
Athens Model 131 15' Disc $1,850
Pittsburgh 10' Wheel Carrier Disc $750

ROLLER HARROWS AND CULTIMULCHERS

IH #315 12' Roller Harrow $2,850
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Brillion 15' Roller Harrow $3,850
Kewanee 20' Flat Fold Roller Harrow $5,950
JD F950 12' Roller Harrow $3,450

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Hesston 1090 Mower Conditioner
IH 13 Shank Pull Type Chisel
NI 7' Pull Type Grass Mower
Case Hay Conditioner
JD 894 Hay Rake
JD 672 Hydraulic Drive Rake, Like New

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JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 7x18" On-Land Plow $5,400
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
(New) JD 12' Chisel w/Walking Tandem $3,450
White 588 5-20" On Land Plow $4,850
JD 10' Pull Type Chisel $2,450
Brillion 3 pt. Deep Till $3,500
JD 2700 6B Auto Reset Plow $6,450
JD 4200 3-18" Roll Over Plow $3,950
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD 2700 5B Variable Width Plow $5,450

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) (2) Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
Brillion 16' Packer w/Transport $1,850
16' Dunham Transport Packer $1,450

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 4 Row Cultivator $1,275
JD RM 6 Row Cultivator $1,650

PLANTERS & GRAIN DRILLS:

JD Model B 14x7 Double Disc Drill $1,450
JD 8300 18x7 DD Grain Drill $3,450
JD 7000 6 Row Liquid Fert. Attach. $1,500
JD 4 Row Conservation Planter, Late Model, Sharp $8,350
(2) Ea. Complete JD 7000 Planter Units w/No-Till Coulters ..... ea. $450
IH Model 510 18x7 Grain Drill, Fertilizer And Grass $2,950

MISCELLANEOUS:

Bobcat 909 backhoe $5,750
NH 352 Grinder-Mixer $2,450
JD 37 Loader, All Hydraulics For Utility $1,850
Donahure Implement Trailer $1,850
JD 45 Loader for 2 Cylinder Tractor $750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
200 Bu. Gravity Wagon $1,250
Bobcat 907 Backhoe $4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain $1,850
JD 48 Loader for Row Crop Tractor $2,150
JD 48 Loader For Utility Tractor $2,150
JD 10' HD Front Dozer Blade $2,150
JD On-Land Hitch For 7B 2500 Plow $1,200
JD Tandem Drill Hitch $475
18.4x38 Snap On Duals $600

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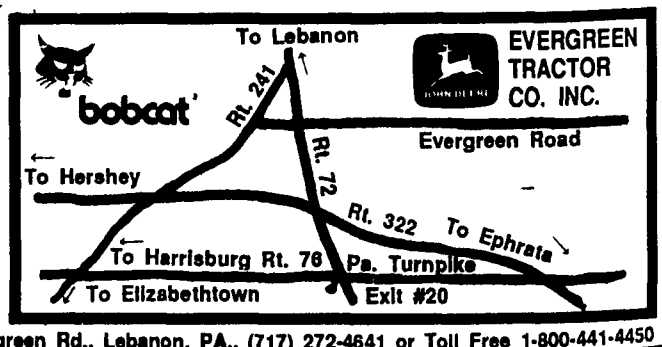

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Belknap Livestock Auction

Dayton, Pa.
Wednesday, May 29, 1991

CATTLE 59...PDA...Compared with last weeks market: Couple Select slaughter heifers 67.50 & 69.25, couple Standard 61.50 & 62.00. Breaking Utility and Commercial slaughter cows 53.75-57.75, one 61.75, few Cutter and Boning Utility 52.00-55.25, few Canner and low Cutter 43.00-50.00. Few Yield Grade No. 1, 1240/1640 lbs. sl. bulls 63.25-70.25, couple No. 2, 710/1235 lbs. 57.50 & 58.25. FEEDER CATTLE: Medium & Large Frame No. 1, 335/520 lbs. heifers 85 00-91.00. Few Medium Frame No. 1, 410/490 lbs. heifers 78.50-88.00, few Med. & Large No. 1, 630/805 lbs. 62.50-70.00, few Medium #2, 355/585 lbs. 66.00-77.50.

CALVES 128... Supply included 80% return to farm ...One Choice vealer 112.50, Standard and Good 90/120 lbs. 80 00-92.00, 55/85 lbs. 78.00-87.00. Farm Calves: No. 1, Holstein Bulls 85/130 lbs. 160 00-211.00, 75/80 lbs. 109.00-160.00, No. 2, 90/130 lbs. 100.00-160.00; No. 1, Hol. Heifers 85/130 lbs. 106.00-171.00, No. 2, 80/100 lbs. 100.00. Beef cross 75/120 lbs. bulls & heifers 80.00-152.50.

HOGS 203...Barrows amd gilts: strong to 1 00 higher. US No. 1-3 235/245 lbs. barrows and gilts 54.60-55.10, 1-3 225/260 lbs. 53.50-54.50, lot 57.00, 2-3 240/275 lbs. 52.00-54.00, few 2-4 245/270 lbs. 50 00. Sows: .75 lower. US No. 1-3 310/690 lbs. sows 41.00-45.00. Few Boars 35 00-36.50.

FEEDER PIGS 80...US No. 1-3 05/20 lbs feeder pigs 10.00-20.00, 30/45 lbs. 35 00-43.00, lot 60 lbs. 50.00 - all per head.

SHEEP 4...Spring slaughter lambs: Few Good and Choice 45/70 lbs. 43.00-54.00 - all Cwt.

GOATS 4...Few Medium Kids 17.00 - all per head.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, May 28, 1991
Report Supplied by PDA

CATTLE 188...PDA...Compared with last Tuesday's market: Slaughter steers steady to weak; Cows fully steady. Choice slaughter steers 75.00-78.00, few high yielding 78-79.79, low yielding down to 73 00, few High Choice 77.00-78.50, Select 72.00-75.00, high yielding Select and low Choice 77-78.75, Standard 64.00-68.00; Choice Holsteins 67.50-70.75, few Select 65.00. Few low yielding Choice sl. heifers 69.70-72.00, Select 67.50-69.00, few Standard 62.00-65.25, few Utility 60.00-63.00. Breaking Utility & Commercial sl. cows 53.00-58.75, Cutter & Boning Utility 50.00-56.50, Canner & low Cutter 42.00-49.50, Shells down to 31.00. Couple Choice sl. bullocks 73.25, one 76.50, few Select 67.00-68.50. Yield Grade No. 1, 1100/1750 lbs. sl. bulls 61.00-69.25. Feeder Cattle: Medium Frame No. 1, 525/700 lbs. steers 76.00-84.00. Few Large Frame No 1, 580 lbs. heifers 79.00. Medium Frame No. 1, 370/500 lbs bulls 81.00-98 00.

CALVES 94...Few Standard and Good 90/120 lbs. vealers 72.00-84.00. Farm Calves: No. 1, Holstein Bulls 90/130 lbs. 140.00-200.00, No. 2, 85/110 lbs. 100 00-150.00, few Hol. Heifers 85/115 lbs. 140.00-193.00. Few Beef cross 80/130 lbs. bulls and heifers 100.00-215.00.

HOGS 138...Barrows and Gilts: 1.00 to 1.25 lower. US No. 1-2 230/260 lbs. barrows and gilts 53.25-54.50, 1-3 214/260 lbs. 53.00-53.50, 2-3 240/268 lbs. 52 00-53.25. Few US No. 2-3 300/500 lbs sows 45.00-47.00. One Boar 47.50.

FEEDER PIGS 0...No market test - per head.

SHEEP 0...No market test - all cwt.

GOATS 0...No market test --- all per head.

Morrison Cove Livestock

Martinsburg, Pa.
May 27, 1991
Report supplied by auction

CATTLE: 164. STEERS H. CHOICE & PRIME 76.10-78.00; CHOICE 74.60-75.75; GOOD 71.25-74.50; STANDARD 68.75-70.75.

HEIFERS: CHOICE 70.25-74.75; GOOD 68.75-70.00.

COWS: UTILITY AND COMMERCIAL 52.00-59.50, CUTTERS 51.50-58.50, CANNER AND LOW CUTTER 42.00-51.50.

BULLOCKS: GOOD AND CHOICE 64.75-72.00.

BULLS: YG#1 60.25-70.50.

FEEDER CATTLE: STEERS 85.00-100.00, BULLS 77.00-95.00, HEIFERS 71.00-89.00.

CALVES: 216. PRIME 112.00-120.50; CHOICE 107.00-111.50; GOOD 95.00-105.00; STANDARD AND GOOD 88.00-95.00; 90-110 LBS. 85.00-95.00, 65-90 LBS. 70.00-90.00, HOLSTEIN BULLS 90-130 LBS. 175.00-215.00, HOLSTEIN HEIFERS 90-130 LBS. 140.00-165.00.

HOGS: 131. US#1-2 52.50-54.00, US#1-3 50.50-52.00.

SOWS: US#1-3 42.00-47.50.

BOARS: 39.00-43.00.

FEEDER PIGS: 13. US#1-3 20-35 LBS. 28.00-33.00; 1-3 35-50 LBS. 33.00-45.00.

SHEEP: 21. CHOICE NO MKT. TEST; GOOD 50.00-55.00; SLAUGHTER EWES 18.00.

GOATS 12.00-65.00.

9 LOADS HAY - ALFALFA 61.00-72.00; TIMOTHY 40.00-60.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
May 25, 1991
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 106.00-130.00, 500-700 LBS. 94.00-111.00, 700-900 LBS. 75.00-83.25; HOLSTEIN 300-1000 LBS. 62.00-110.50.

S-L&M&L-2: 300-500 LBS. 100.00-115.00; 500-700 LBS. 85.00-100.00.

FEEDER BULLS: 300-500 LBS. 85.00-92.50, 500-700 LBS. 77.00-86.00.

S-L&M&L-2 300-500 LBS. 83.00-86.00, 500-700 LBS. 74.00-78.00.

HEIFERS: 300-500 LBS. 86.00-99.00; 500-700 LBS. 80.00-86.00; 700-800 LBS. 75.50.

S-L&M&L-2: 300-500 LBS. 87.00, 500-700 LBS. 79.00.

STOCK COWS: BEEF , COWS WITH CALF 860.00-1000.00; BABY CALVES BY THE HEAD 85.00-160.00; OVER 100 LBS. BY WGHT. 116.00-150.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 51.00-58.00; CANNERS AND CUTTERS 1-3 44.00-50.75.

SLAUGHTER BULLS: 1&2 58.00-60.25.

LAMBS: BLUE O HIGH CHOICE AND PRIME 55.25, BUCKS 51.75; RED O CHOICE 52.40; FEEDER LAMBS CHOICE 52.50-57.25; SLAUGHTER EWES 8.00-14.00.

SOWS 1-3: 47.50.

BOARS: 37.00.

VEALS: CHOICE AND PRIME 103.00; GOOD 95.00.

SLAUGHTER CALVES: GOOD AND CHOICE 84 00-103.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, May 29, 1991
Report Supplied by PDA

CATTLE 108... PDA ...Compared with last Wednesday's market: Individual Standard slaughter steer 62.75. Few Standard Holstein heifers 58.00-62.00. Few Breaking Utility and Commercial slaughter cows 54.25-55.10, Cutter and Boning Utility 52.75-57.35, Canner and Low Cutter 48.75-52.00, Shells down to 44.75. Few Yield Grade No. 1, 950/1950 lbs. slaughter bulls 58.00-68 50

CALVES 94...FARM CALVES: Holstein bulls, No. 1, 85/125 lbs. 160.00-211.00, No. 2, 80/125 lbs. 140.00-160, few down to 90.00. Few No 1, 85/100 lbs. heifers 145.00-160.00 Few Beef cross 70/100 lbs. bulls and heifers 135.00-201.00.

HOGS 95...Barrows and gilts: steady to strong. US No. 1-2 220/245 lbs. 55.75-56 00. US No. 1-3 425/550 lbs sows 41.50-47.50. Few Boars 35.00-39.50.

FEEDER PIGS 166...US No. 1-3 20/35 lbs. feeder Pigs 28.50-43.50, 60/75 lbs 48.00-58.00 --- all per head.

SHEEP 70 ..Spring slaughter lambs. Choice 30/115 lbs. spring slaughter lambs 60.00-69.00, Good 25/50 lbs. 49.00-58.00. Slaughter sheep 13.00-25.00 - all Cwt.

GOATS 28...Few Large 39.00-60 00, Kids 20.00-37.00 --- all per head.

HOLSTEIN DAIRY COWS - Few $800.00-$1210.00; JERSEY $370.00-$720.00 --- PER HEAD.

New Wilmington Livestock Auction

N. Wilmington, Pa.
Monday, May 27, 1991
Report Supplied by PDA

SALE NOT REPORTED MONDAY, MAY 27, 1991, DUE TO MEMORIAL DAY HOLIDAY!

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, May 27, 1991
Report Supplied by PDA

SALE NOT REPORTED MONDAY, MAY 27, 1991, DUE TO MEMORIAL DAY HOLIDAY!

Valley Stockyards

Athens, Pa.
Wednesday, May 29, 1991
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 175.00.

VEAL CALVES TO 107.00.

VEALER BULL CALVES TO 225.00.

SLAUGHTER CALVES 100.00 AND DOWN.

GRASSERS & FEEDERS 55.00-88.00.

LAMBS 50.00-61.00.

SHEEP 15.00-25.00.

HOGS 200-250 LBS. 48.00-52.00, TOP 57.00.

SOWS 38.00-43.00.

BOARS 30.00-35.00.

PIGS 35.00-49.00.

HEIFERS 52.00-58.00.

STEERS TO 75.00.

FEEDER STEERS 65.00-103.00.

BULLS 55.00-68.00.

GOOD COWS TO 58.00.

COWS MEDIUM TO 52.00.

COWS POOR OR SMALL 51.00 AND DOWN.

HORSES TO 690.00.

PONIES TO 65.00.

GOATS TO 50.00.

CATTLE MARKET STEADY.

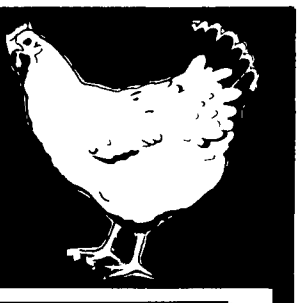
CALF MARKET STEADY.

North Jersey Livestock

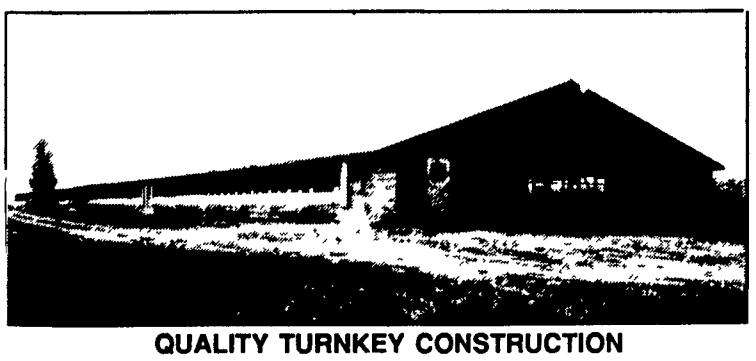
Hackettstown, NJ
Tuesday, May 28, 1991
Report supplied by auction

CALVES .60-1.95.
COWS .47¼ -63.
EASY COWS .25-.58.
HEIFERS .55-.71.
BULLS .54¾ -.72.
STEERS .73-.79¾ .
HOGS .27-.48.
SOWS .31-.41.
ROASTING PIGS EACH 28.00-50.00.
SHEEP .10-.35.
LAMBS EACH 9.00-56.00.
LAMBS PER LB. .10-.76.
GOATS EACH 16.00-130.00.
KIDS EACH 5.00-51.00.
TOTAL 1144.

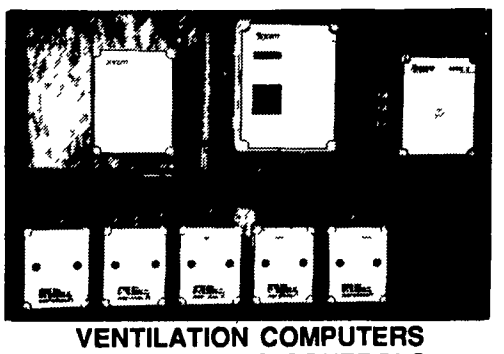
POULTRY BUILDINGS & EQUIPMENT



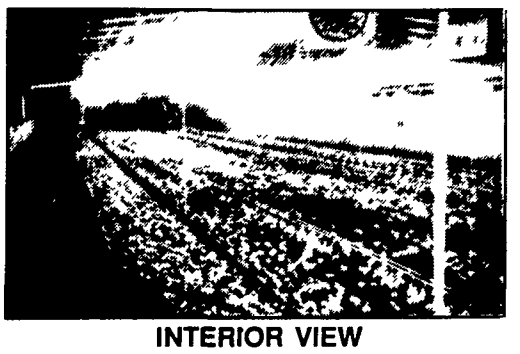
Call TRI-COUNTY For Quality Facilities



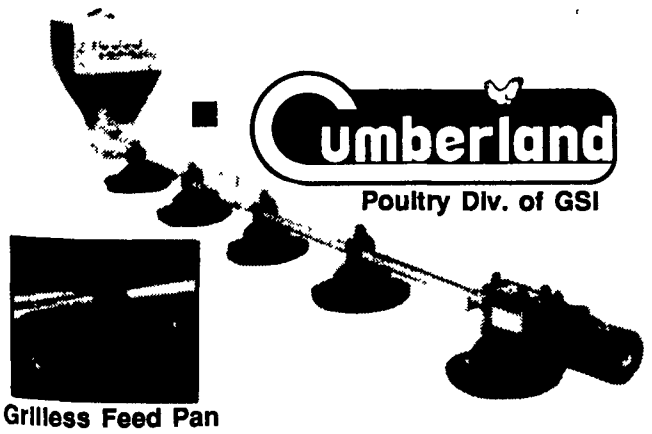
QUALITY TURNKEY CONSTRUCTION



VENTILATION COMPUTERS & ELECTRONIC CONTROLS



INTERIOR VIEW



Cumberland Poultry Div. of GSI

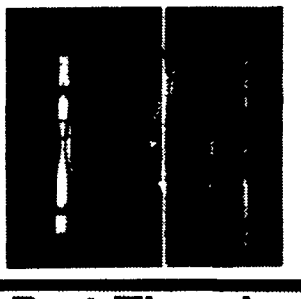
Grilless Feed Pan

FEATURING:

- Fancom® Agro Computers

Engineered Computer System Features:
- Timing & Staging Of Fans
- Heater Control
- Sidewall Curtain Control
- Fogging System Control
- Temperature Control To Automatically Adjust The System According To The Age Of The Birds

The Shape of Efficiency aerotech



- Direct Drive Fans With Cast Aluminum Propellers
- All Aluminum Shutters

Broiler & Turkey Facilities Offer An Opportunity For Part-Time Income On Your Farm. Production Contracts And Financing Are Available To Those Qualified.
- CALL FOR DETAILS -

SALES QUALITY SERVICE INSTALLATION

TRI-COUNTY
CONFINEMENT SYSTEMS INC.
608 E. Evergreen Rd., Lebanon, PA 17042

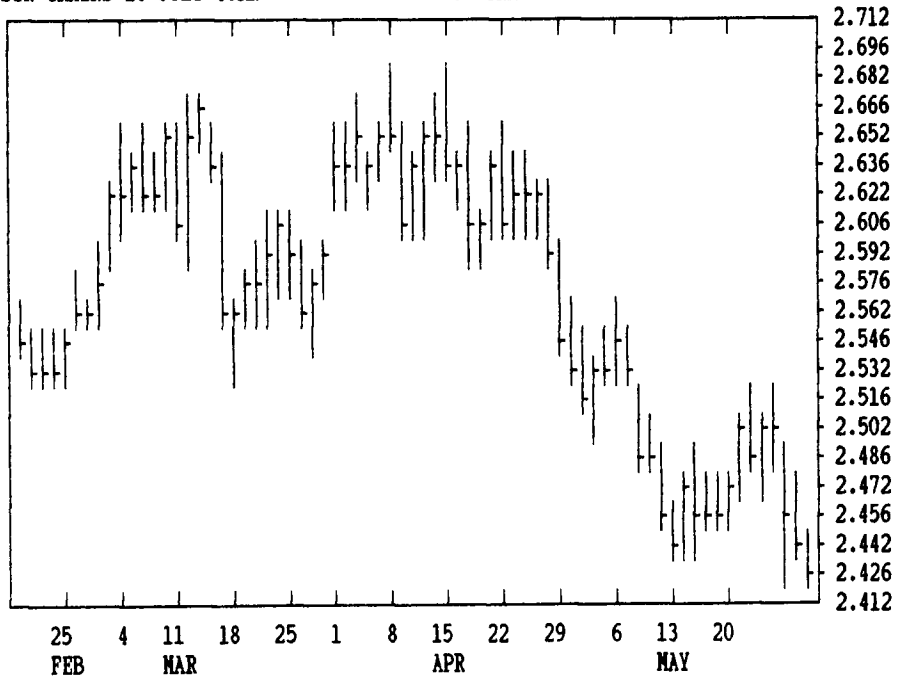
Ph: 717-274-3488
Hours: Mon.-Fri.
7:00 to 4:30;
Sat. 8:00 to 12:00

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Thursday, May 30)

DTN GRAINS 16 JULY CORN — CONTRACT HIGH: 3.082 LOW: 2.414



DTN FUTURES 10 05/30/91 — TECHNICAL POINTS

PRICES ARE DECIMAL			MOVING AVERAGES			RSI'S			SLOW STOCHASTIC 5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	JLY	285.00	289.50	292.17	291.62	291.72	35.1	40.8	46.9	21	36	59	77
WHEAT	DEC	305.50	310.31	312.97	312.85	313.53	33.5	39.6	47.9	20	39	60	77
KC	JLY	284.75	289.37	292.94	292.82	292.42	30.5	37.7	45.9	10	23	50	73
KC	DEC	301.25	305.25	308.11	308.24	308.98	32.4	38.9	47.5	11	30	49	72
MINN W	DEC	298.00	301.44	304.39	305.14	309.69	25.7	31.6	43.3	12	21	20	30
CORN	JLY	243.50	246.37	247.83	248.31	256.16	30.8	33.9	39.6	21	40	24	27
CORN	SEP	242.25	245.12	246.75	247.18	254.87	29.6	33.1	38.9	20	38	27	29
CORN	DEC	241.75	244.62	246.19	246.96	254.23	30.1	33.6	40.2	20	39	29	33
BEANS	JLY	578.25	575.81	576.42	576.94	589.36	48.9	46.0	44.8	44	45	28	25
BEANS	AUG	580.75	579.19	580.17	581.06	593.98	46.4	44.3	44.0	40	45	28	26
BEANS	NOV	587.75	588.44	589.14	590.36	605.56	42.5	41.5	42.7	34	46	29	28
MEAL	JLY	173.00	172.80	173.21	172.80	174.29	47.4	47.4	47.6	40	40	32	31
OIL	JLY	20.10	20.07	20.05	20.18	21.05	44.4	41.3	40.8	36	46	27	21
CATTLE	JUN	76.07	76.15	75.45	75.31	76.14	60.5	55.3	51.3	92	95	76	50
CATTLE	AUG	74.15	74.12	73.48	73.38	74.20	60.7	55.1	51.2	90	93	61	41
FEEDER	AUG	88.82	88.47	87.57	87.16	87.32	74.6	67.9	61.9	96	98	91	67
HOGS	JUN	56.90	57.47	57.33	57.63	57.74	37.5	41.6	48.8	58	74	34	29
HOGS	JLY	55.15	55.93	55.64	56.18	56.67	36.9	39.6	45.8	62	78	31	23
BELLY	JLY	57.70	58.78	57.82	58.56	61.17	42.9	42.9	44.2	71	81	31	22

LIVE CATTLE

	HIGH	LOW	LAST	CHG
JUN	7635	7587	7607*	-30
AUG	7435	7387	7415*	-12
OCT	7600	7557	7585*	-7
DEC	7642	7607	7627*	-7
FEB	7587	7557	7572*	-10
APR	7640	7610	7620*	-15
JUN	7480	7462	7475*	-12
AUG				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
AUG	8900	8860	8882*	+2
SEP	8795	8750	8770*	+20
OCT	8770	8740	8765*	+17
NOV	8770	8747	8755*	+10
JAN	8755	8745	8750*	+10
MAR	8660	8645	8650*	+10
APR	8640	8630	8640*	+15
MAY	8610	8600	8610*	0

LIVE HOGS

	HIGH	LOW	LAST	CHG
JUN	5745	5675	5690*	-67
JLY	5575	5510	5515*	-90
AUG	5260	5180	5195*	-82
OCT	4745	4680	4690*	-67
DEC	4740	4702	4710*	-30
FEB	4705	4665	4680*	-40
APR	4535	4510	4510*	-17
JUN	4920	4920	4920*	-50

SWISS FRANC

	HIGH	LOW	LAST	CHG
JUN	6870	6797	6820*	-17
SEP	6835	6763	6784*	-16
DEC	6774	6758	6758*	-16

EURODOLLAR

	HIGH	LOW	LAST	CHG
JUN	9396	9393	9395*	+1
SEP	9376	9373	9375*	+2
DEC	9332	9327	9331*	+6
MAR	9316	9312	9315*	+5
JUN	9276	9271	9276*	+5
SEP	9243	9240	9243*	+5

PORK BELLIES

	HIGH	LOW	LAST	CHG
JLY	5980	5740	5770*	-170
AUG	5645	5415	5430*	-185
FEB	5770	5635	5687*	-55
MAR	5740	5660	5660*	-70
MAY	5800	5750	5750*	-20
JLY	5800	5750	5750*	-20

BRITISH POUND

	HIGH	LOW	LAST	CHG
JUN	17252	17070	17078*	-146
SEP	17040	16850	16860*	-146
DEC	16860	16670	16692*	-142

S&P 500 INDEX

	HIGH	LOW	LAST	CHG
JUN	38940	38340	38750*	+335
SEP	39215	38615	39025*	+340
DEC	39460	38910	39325*	+355
MAR	39700	39195	39560*	+335

W. GERMAN MARK

	HIGH	LOW	LAST	CHG
JUN	5855	5796	5804*	-25
SEP	5808	5754	5760*	-24
DEC	5755	5718	5722*	-24
MAR	5717	5693	5693*	-24

JAPANESE YEN

	HIGH	LOW	LAST	CHG
JUN	7270	7242	7251*	+14
SEP	7245	7217	7224*	+14
DEC	7212	7206	7206*	+14

CORN

	HIGH	LOW	LAST	CHG
JLY	2446	2426	2434*	-14
SEP	2434	2410	2422*	-10
DEC	2426	2400	2416*	-4
MAR	2506	2480	2496*	-6
MAY	2550	2524	2540*	-2
JLY	2594	2570	2590*	-2
SEP	2550	2550	2550*	-14
DEC	2550	2540	2544*	-14
MAR				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
JLY	2880	2842	2850*	-32
SEP	2960	2920	2930*	-36
DEC	3082	3036	3054*	-32
MAR	3150	3114	3120*	-40
MAY	3124	3094	3104*	-40
JLY	3060	3040	3040*	-40

K.C. WHEAT

	HIGH	LOW	LAST	CHG
JLY	2870	2840	2846*	-30
SEP	2924	2900	2906*	-24
DEC	3022	3002	3012*	-16
MAR	3074	3060	3070*	-16
MAY	3026	3026	3026*	-12

SOYBEANS

	HIGH	LOW	LAST	CHG
JLY	5790	5714	5782*	+42
AUG	5814	5744	5806*	+36
SEP	5814	5750	5802*	+24
NOV	5880	5820	5876*	+20
JAN	5994	5934	5992*	+22
MAR	6104	6044	6102*	+22
MAY	6184	6140	6174*	+6
JLY	6244	6204	6244*	+26
AUG				
SEP				

OATS

	HIGH	LOW	LAST	CHG
JLY	1234	1220	1230*	-14
SEP	1290	1272	1280*	-16
DEC	1370	1352	1360*	-22
MAR	1440	1434	1436*	-22

MINN WHEAT

	HIGH	LOW	LAST	CHG
JLY	2834	2804	2820*	-22
SEP	2890	2862	2880*	-16
DEC	2990	2964	2980*	-22
MAR	3090	3062	3072*	-26
MAY			3130*	-20

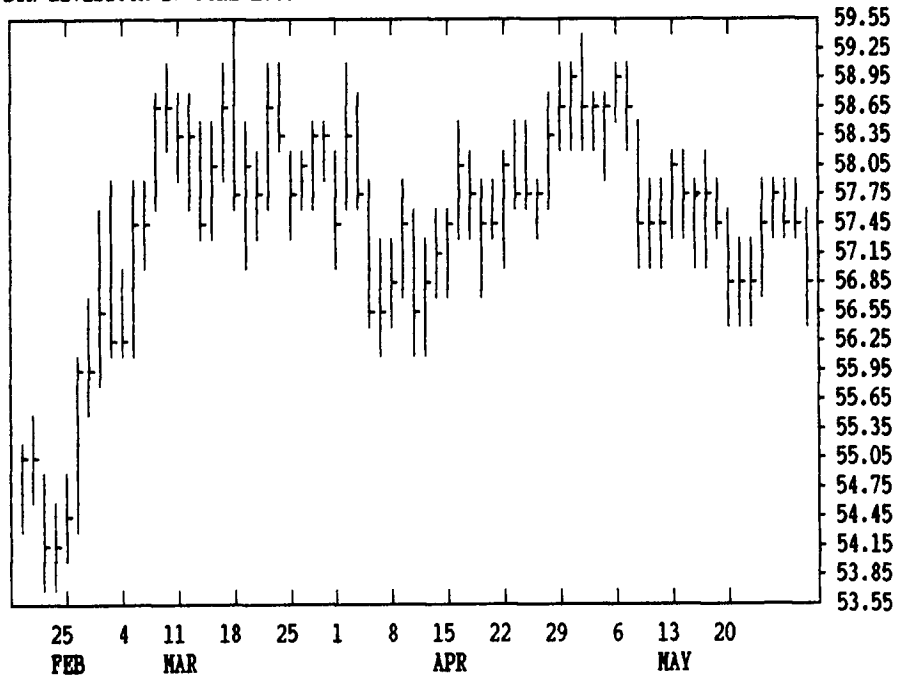
SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
JLY	1736	1719	1730*	+4
AUG	1748	1730	1742*	+5
SEP	1758	1743	1751*	+2
OCT	1762	1747	1758*	+5
DEC	1783	1765	1778*	+8
JAN	1790	1775	1790*	+8
MAR	1800	1788	1800*	+5
MAY	1810	1800	1805*	0

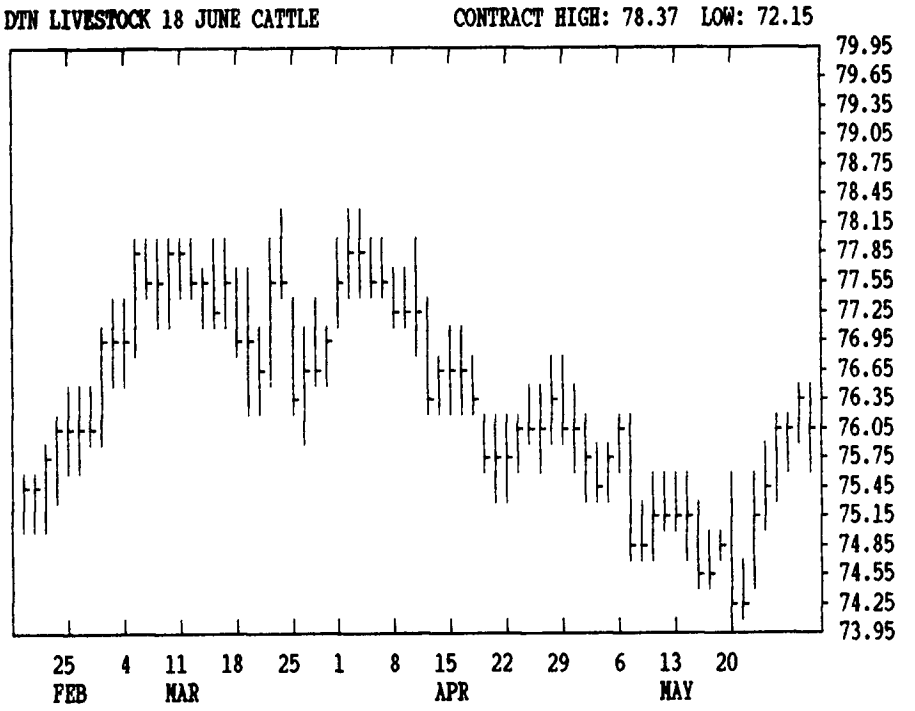
SOYBEAN OIL

	HIGH	LOW	LAST	CHG
JLY	2021	1987	2010*	+10
AUG	2036	2003	2029*	+14
SEP	2055	2024	2045*	+13
OCT	2072	2042	2061*	+11
DEC	2105	2075	2097*	+7
JAN	2120	2103	2112*	+8
MAR	2150	2135	2144*	+9
MAY	2175	2170	2170*	+3

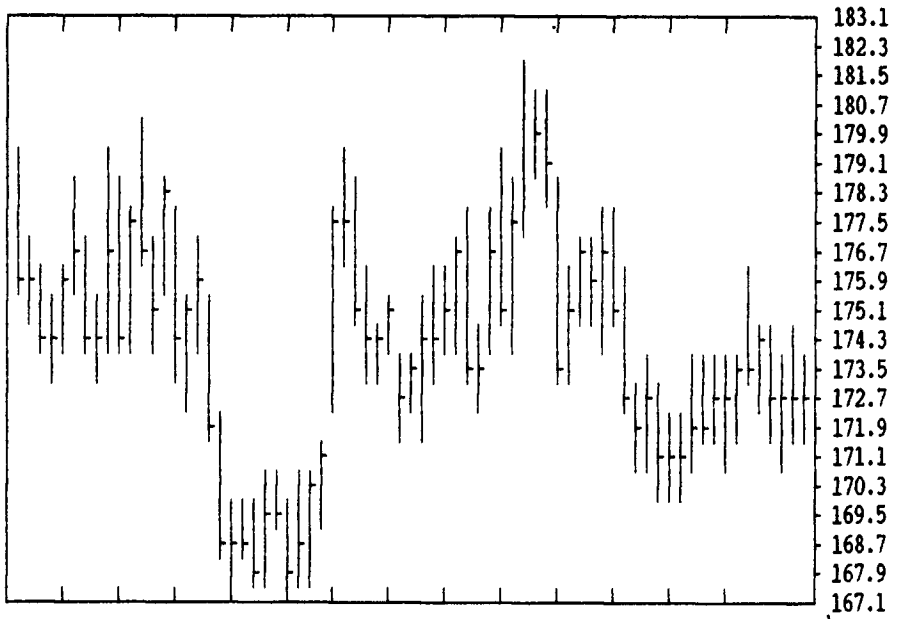
DTN LIVESTOCK 17 JUNE HOGS — CONTRACT HIGH: 59.30 LOW: 47.70



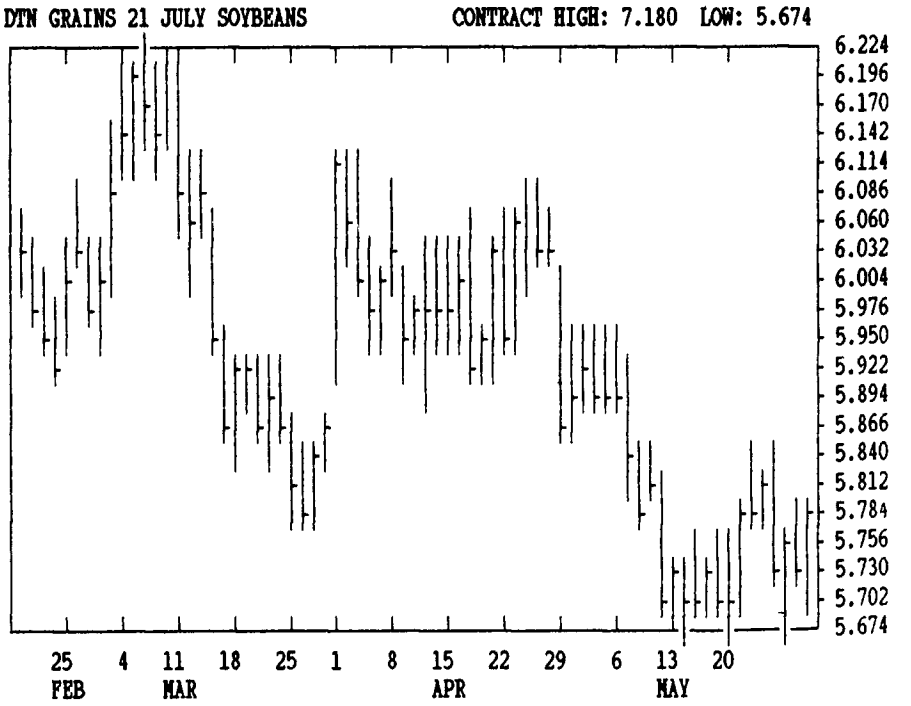
DTN LIVESTOCK 18 JUNE CATTLE — CONTRACT HIGH: 78.37 LOW: 72.15



DTN GRAINS 23 JULY SOYMEAL — CONTRACT HIGH: 209.0 LOW: 167.9



DTN GRAINS 21 JULY SOYBEANS — CONTRACT HIGH: 7.180 LOW: 5.674



Philadelphia Potato & Onion

Wednesday, May 29, 1991

ONIONS-DRY YELLOW JUMBO LOWER, OTHERS ABOUT STEADY 50-lb sacks US#1 or generally good quality and condition Yellow unless otherwise stated new crop TX grano type jumbo 14.00-15.00 mos 15.00 repacker sz 15.00-16.00 50- lb ctn fair cond 11.00-15.00 25-lb sks Red jbo 13.00-15.00 med 10.00 CA grano type jumbo 15 00-16.00 mos 16.00 Repacker sz 17.00 White jumbo 20.00 40-lb ctn Red jbo 18.00 med 16.00 MEXICO Grano type jumbo fair cond 700 25-lb sks Red lge 13.00.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES LI 725-750 FL new crop 13.00-15.00 fair qual 8.50 sz B 10.00-15.00 ROUND REDS new crop FL 11.50-13.00 size B 12.00-15.00 few 16.00 50-lb ctn AZ size B 17.00 CA fair qual 11.00 LONG WHITES CA new crop 50-lb ctn 14.00-15.00 RUSSETS 50-lb carton count ID 70-80s 15.00-17.00 90s 14.00-16.00 mos 14.00-15.00 100s 12.50-14.00 few 12.00 few 15.00 50-lb sks 10-oz min 13.00 100-lb sks 10 oz min US#2 16.00 baled 10-5 lb film bags non sz A 11.50-12.00 CO Centennial 90s 13.00 some 13.50 100s 12.00 some 12.50 CANADA New Brunswick CD#1 baled 10-5 lb film bags non size A 8.50 few 9.00.

Leola Produce Auction

Leola, PA
May 28, 1991
Report Supplied by Auction

ASPARAGUS: .80-1.40 12 OZ. BUNCH.
BROCCOLI: 4.50-5.50 12-14 CT.
CUCUMBERS: 7.50-10.50 1 1/9 BU.
HULL PEAS: 8.00-15.00 1 1/9 BU.
SUGAR PEAS: 6.00-14.00 10 LBS.
SNAP PEAS: 6.00-14.00 10 LBS.
LETTUCE: 3.50-6.50 6-12 HEAD COUNT.
SPRING ONIONS: 7.50-12.50 40 CT. BUNCH.
RADISHES: 6.50-9.50 40 CT. BUNCH.
RED BEETS: 5.00-10.00 15 CT. BUNCH.
SPINACH: 4.50-9.25 1 1/9 BU. 13 LBS.
STRAWBERRIES: 5.50-12.50 8 QT. FLAT.
TOMATOES: (GREENHOUSE) 30.00-40.00 25 LBS. #1.
ZUCCHINI: 3.50-6.00 ½ BU.
FLOWER BEDDING PLANTS: 2.50-6.50 FLAT; HANGING BASKETS 3.00-5.00 EACH.
GERANIUMS: .45-.75 EACH.
PLANTERS: 2.50-5.00 EACH.
VEGETABLE PLANTS: TOMATOES, PEPPERS, EGGPLANT 2.00-4.50 FLAT; CANTALOPES AND WATERMELONS 2.00-4.00 FLAT.

SALE DAYS NEXT WEEK ARE MON., TUES., THURS. AND FRI. 10 A.M.

St. Louis Cattle, Hogs

Thursday, May 30, 1991

OPENING MID-SESSION WEEKLY CLOSE CATTLE AND CALVES: 300 (0 SLTR, 300 FDRS) SUPPLY CONSISTS OF FEEDER CATTLE AND COWS FOR THE REGULAR THURSDAY AUCTION.

NO TEST ON SLAUGHTER CATTLE.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER.

RECEIPTS THIS WEEK 800:: WEEK AGO 1,100: YEAR AGO 900.

FOR THE WEEK, ALL SLAUGHTER CLASSES STEADY. SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

Some markets not available due to the holiday

New Holland Dairy

New Holland Sales Stables
Wednesday, May 29, 1991
Report supplied by auction

45 COWS, 33 HEIFERS AND 2 BULLS. MARKET STEADY.
PA FRESH COWS: 825.00-925.00.
PA FRESH COWS: 925.00-1400.00.
WISCONSIN FRESH COWS: 910.00-1375.00.
LOCAL SPRINGING HEIFERS: 860.00-1190.00.
SHORTBRED: 780.00-825.00.
BULLS: 710.00-775.00.
LOCAL COWS: 575.00-1285.00.
VACCINATED HEIFERS BRING A PREMIUM.

PAUL B. Zimmerman INC.

We made a good buy on steel tubing and are passing the SAVINGS on to you!

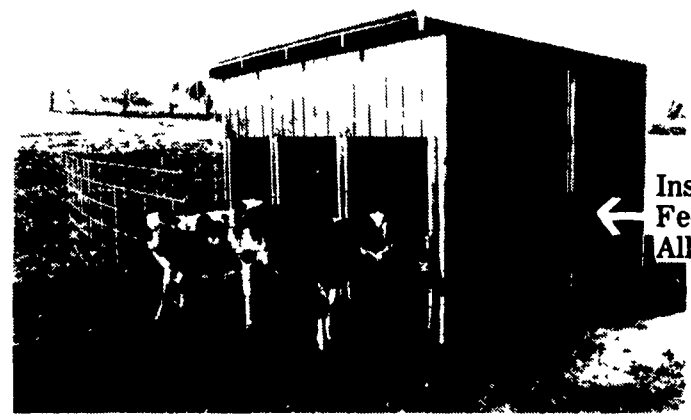
10% DISCOUNT

on ALL GATES, FENCING, AND SLANT BAR ordered in MAY or JUNE
(A deposit is required.)

CALL YOUR NEAREST ZIMMERMAN DEALER NOW!

PAUL B. ZIMMERMAN, INC.
Call or Write For Additional Information And Your Nearest Dealer
295 Woodcorner Rd.
Lititz, PA 17543
1 Mile West of Ephrata
Phone: 717-738-1121

CALF KENNELS



Same Advantages As Hutches, w/Inside Feeding

MFD. BY: **STOLTZFUS WOODWORK**
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717-442-8972

White Oak Mills

JUNE IS Dairy MONTH

White Oak Mills would like to take this opportunity to thank our dairy customers for their business and cooperation.

We appreciate the opportunity to work with you!

Our commitment is to assist you by supplying: quality feed products, professional service, and competitive prices!

Our services provide what you need in the 1990's:

* Computerized Ration Balancing to meet your individual needs.
* Accurate forage analysis (Wet chemistry & NIR).
* Professional dairy specialists.
* Attractive CASH DISCOUNTS!!! (4% - 7 days; 2% - 30 days).
* Custom feed mixing/ Grain Exchange Program.
* Attractive bulk discounts.
* Full line of complete feeds, supplements and top dresses.
* Nutrition at the cutting edge of technology.
* Customer satisfaction guaranteed.

"Call Us Toll Free For A No Obligation Review Of Your Program"

Quality People, Products & Services WORKING FOR YOU

PA, MD Toll Free	Elizabethtown	Local
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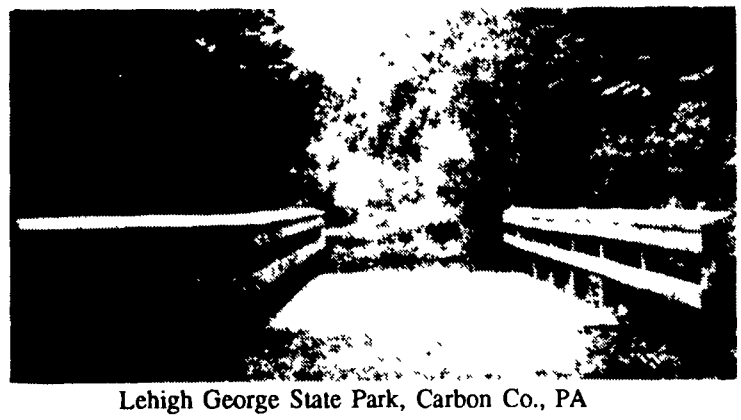
419 West High St., Elizabethtown, PA 17022

NEED A BRIDGE? Then Call On The "BRIDGE SPECIALIST"

CUSTOMER SATISFACTION IS #1



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We Can Offer The Following Designs:

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- Slatted Floor Systems
- Silo Repairs

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Subsidiary of Seal-Crete Corp.

Leinbach's Shippensburg Produce Auction

(717)530-1700 or 532-5511
Shippensburg, PA
Average Prices Of #1 Produce
May 25 and 28. Open 11 a.m. Tues. & Sat.
Report Supplied by Auction

APPLES: 2.50-3 00 ½ BU.
ASPARAGUS: .50-1.25 LB.
HULL PEAS: 9.00-12.00 ½ BU.
SUGAR SNAPS: 14 00-17.00 10 LB. BOX.
SUGAR PEAS: 12.00-16.50 10 LB. BOX.
BEDDINGS PLANTS. 2.00-6 50 FLAT.
EGGS: .50-.75 LARGE.
HANGING BASKETS AND PLANTERS· LARGE 3 00-8 50 AND SMALL 50-2.50 EACH
SHRUBS AND LARGE PLANTS: 2 00-8.00 EACH.
LETTUCE: 3.00-5.00 5 LB. ½ BU.
SPINACH: 5.00-7.00 10 LBS.
STRAWBERRIES: 4.50-12.00 8 QT. FLAT.
SPRING ONIONS: 5.00-7.50 20 CT. ½ BU.
VEGETABLE PLANTS: 2.00-6.00 FLAT.
TOMATOES: 12.00-20.00 25 LBS.
WATERMELONS: 1.50-3.00 EACH, SMALL TO LARGE.

Four States Livestock

Hagerstown, Md.
Wednesday, May 29, 1991
Report supplied by Auction

SLAUGHTER COWS: 67 HEAD. UTILITY 52.00-56.00; HIGH DRESSING TO 57.25, 1 AT 62.75; CANNERS 48.00-52.00; SHELLY 48.00 DOWN.

BULLS: 4 HEAD. YG #1 1200-1700 LBS. 67.00-68.50; YG#2 60.00-64.00.

FED STEERS: HIGH CHOICE AND PRIME 1200-1400 LBS. 77.00-79.00; LOW CHOICE 1050-1400 LBS. 69.00-74.00.

FED HEIFERS: 3 CHOICE 900-1000 LBS. 70.00-75.00.

VEAL CALVES: CHOICE NONE; GOOD 200-300 LBS. 94.00-102.00; CULLS 80-110 LBS. 75.00-85.00; 50-80 LBS. 65.00-75.00.

FARM CALVES: HOLSTEIN BULLS #1 85-120 LBS. 190.00-220.00; #2 140.00-190.00; HOLSTEIN HEIFERS 90-120 LBS. 140.00-180.00; BEEF X BULLS 140.00-195.00; BEEF X HEIFERS TO 162.00.

BUTCHER HOGS: US#1-3 200-220 LBS. 53.00.

SOWS: 400-600 LBS. 45.00-46.25.

BOARS: TO 40.75.

STOCK CATTLE: 86 HEAD. STEERS 300-500 LBS. 85.00-101.00; 500-700 LBS. 80 00-100.00; 700-900 LBS. 63.00-73.00; HOLSTEIN 500-800 LBS. 72.00-75.00.

HEIFERS: 400-600 LBS. 75.00-92.00; 600-800 LBS. 65 00-74.00; 800-950 LBS. 64.00-68.25.

BULLS: 200-300 LBS. 100.00-132.00; 750-950 LBS. 58.00-64.00.

DAIRY REPLACEMENTS: SPRINGERS LARGE 900.00-1050.00; MEDIUM 550.00-875.00; FRESH 625.00-835.00; HOLSTEIN HEIFERS 200-400 LBS. 83.00-94.00; 400-700 LBS. TO 69.00; HOLSTEIN BULL 800 LBS. AT 690.00.

LAMBS: CHOICE 100 LBS. TO 60.00; 60-80 LBS. 58.00-65.00; MEDIUM LIGHTWEIGHTS 40.00-50.00.

SHEEP: 18.00-25.00.

GOATS: LARGE 60.00-76.00; MEDIUM 30.00-55.00; SMALL 15.00-30.00.

PIGS AND SHOATS: 83 HEAD. BY THE HEAD, 1 LOT 18 LBS. AT 23.00; 35-45 LBS. 40.00-48.00; 50-70 LBS. TO 51.00; BRED SOWS 225.00-240.00; BY THE POUND, 130-160 LBS. 49.00-54.00.

STOCK BOARS: 180-250 LBS. 43.00-45.50; 150 LBS. TO 53.00.

NEXT STATE GRADED FEEDER PIG SALE AT WESTMINSTER WILL BE FRIDAY, JUNE 7, 1:30 P.M.

Frederick Livestock Auction

Frederick, Md.
Monday, May 27, 1991
Report Supplied by Auction

SLAUGHTER COWS: STEADY PRICES. UTILITY 52.00-56.00; HIGH DRESSING 56.50-60.25; CANNERS 48.00-52.00; SHELLY 48.00 DOWN.

BULLS: YG#2 1200-1400 LBS. 62.75-65.75.

FED STEERS: NONE.

FED HEIFERS: NONE.

VEAL CALVES: 5.00-8.00 HIGHER. CHOICE 190-275 LBS. 110.00-122.00; CULLS 80-100 LBS. 75.00-85.00; 50-80 LBS. 67.00-75.00; WEAK/ROUGH 60.00 AND DOWN.

FARM CALVES: 10.00 LOWER. HOLSTEIN BULLS #1 85-120 LBS. 185.00-207.00; #2 130.00-180.00; 65-80 LBS. 115.00-190.00; HOLSTEIN HEIFERS: 90-125 LBS. 120.00-167.00; 70-85 LBS. 125.00-140.00; BEEF X BULLS UP 80-120 LBS. 140.00-195.00; BEEF X HEIFERS 115.00-180.00.

BUTCHER HOGS: NONE.

SOWS: FEW 360 LBS. TO 43.25.

BOARS: 300-400 LBS. 39.00-41.25.

STOCK CATTLE, STEERS: NO LIGHTWEIGHTS. FEW 700-900 LBS. 58.00-78.00.

HEIFERS: 700-900 LBS. 62.00-72.50; THIN STOCK COWS 700-900 LBS. 53.00-67.00.

BULLS: 700 LBS. TO 77.00; 1 HOLSTEIN SPRINGER 975.00.

LAMBS: GOOD TO CHOICE 95 LBS. 59.00; 65-85 LBS. 60.00-64.00; 1 125 LB. AT 40.00.

SHEEP: 17.00-25.00.

GOATS: MEDIUM 40.00-55.00; SMALL 24.00-40.00.

PIGS AND SHOATS: FEW OFFERED. BY THE HEAD, 1 LOT 35 LBS. AT 40.00.

HATFIELD 310 HOGS, 3 SOWS 54.00-55.25.

Estimated Daily Livestock Slaughter

Under Federal Inspection
May 29, 1991

	CATTLE	CALVES	HOGS	SHEEP
WED., 5/29/91 (EST)	127,000	5,000	297,000	21,000
WEEK AGO (EST)	125,000	5,000	277,000	19,000
YEAR AGO (ACT)	128,000	6,000	284,000	21,000
WEEK TO DATE (EST)	259,000	11,000	601,000	43,000
SAME PD LT WK (EST)	362,000	15,000	841,000	55,000
SAME PD LT YR (ACT)	255,000	15,000	578,000	43,000

Peoria Cattle

Peoria, Illinois
Thursday, May 30, 1991

FEDERAL-STATE CATTLE WEEKLY *ACCORDING TO PRIVATE SOURCES* TRADING SLOW. COMPARED WITH LAST MONDAY SLAUGHTER STEERS STEADY, SLAUGHTER HEIFERS STEADY TO .50 HIGHER. COWS AND BULLS STEADY. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 8% COWS. RECEIPTS THIS WEEK ABOUT 700 AS COMPARED WITH 743 A WEEK AGO AND 902 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1350 LBS. 75.00-77.00 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 72.00-75.00 SELECT 2-3 950-1200 LBS. 68.00-72.00.

HOLSTEINS: CHOICE 2-3 1100-1350 LBS. 71.00-74.00 MIXED SELECT & CHOICE 2-3 1100-1350 LBS. 68.00-70.00.

SLAUGHTER HEIFERS: CHOICE 2-4 1000-1200 LBS. 74.00-76.00 LOAD 76.50 MIXED SELECT & CHOICE 2-3 950-1100 LBS. 71.00-74.00 SELECT 2-3 850-1050 LBS. 67.00-71.00.

COWS: BREAKING UTILITY & COMMERCIAL 2-4 48.00-55.00 CUTTER & BONING UTILITY 1-3 47.00-52.00 CANNER & LOW DRESSING CUTTER 1-2 41.00-45.00.

BULLS: YG 1-2 1200-2250 LBS. 60.00-70.00.

Greencastle Livestock

Greencastle, Pa.
Thursday, May 23, 1991
Report Supplied by PDA

CATTLE: 226. STEERS. COWS UNEVEN, STEADY TO STRONG. IND SEL. HOLSTEINS @ 65.00, FEW STANDARD & SEL. HOLSTEINS 59.00-65.00 COWS: BR. UTILITY & COMMERCIAL 55.75-58.00, COUPLE TO 60.00, CUTTER & BON. UT. 53.00-58.00 CANNER & LOW CUTTER 49.75-53.25, SHELLS DOWN TO 44.75, COUPLE TO 59.50

BULLOCKS: STANDARD 23.35.

BULLS: YIELD GRADE NO. 1 985, 59.25-66.25.

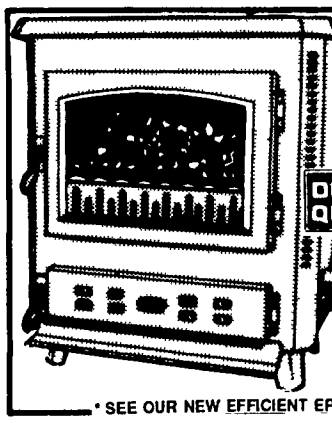
CATTLE HEIFERS: BULLS. FEW M-1 315-590 LBS. 80.00-101.00, ONE LOT 1-2, 425 LBS. @ 97.50.

CALVES: 407. VEALERS FEW CHOICE 1.06-1.16, STANDARD & GOOD FEW 75-95 LBS. 75.00-87.00, UTILITY FEW 55-80 LBS. 70.00-78.00.

FARM CALVES: NO. 1 HOL. BULLS 85-125 LBS. 1.80-2.20 FEW AT 2.31, NO. 2 HOL. BULLS 75-125 LBS. 1.40-1.85, FEW DOWN TO 1.00. HOL. HEIFERS NO. 1 80-135 LBS. 1.25-1.70, NO. 2 60-90 LBS. .90-1.25. BEEF X BULL & HEF. 70-125 LBS. 1.20-1.95.

SOWS: US. NO. 1-3 365-535 LBS 40.00-47.00, 2 BOARS 39.00-40.00.

FEEDER PIGS: 14.



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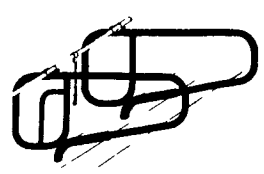
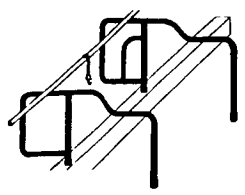
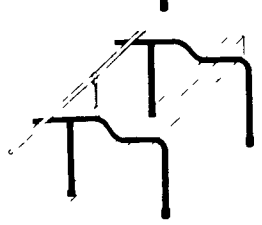
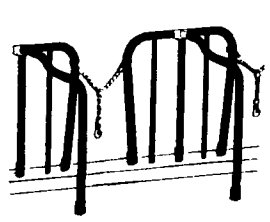

Model 7000 Super Rugged Durabend (Patent Pending)


Model 2000 Feedsaver Tie Stall


Model 1000 NY Tie Stall


Model 5000 Arch Tie Stall

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Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, May 30, 1991

RETURN TO FARM CALF 1.65-2.15.
COMMON VEAL 60.00-100.00.
SELECT STEERS 63.00-75.50.
COMMON STEERS 58.00-67.50.
COMMERCIAL COWS 52.00-58.00.
CANNERS-CUTTERS 47.00-57.00.
SHELLS 42.00-47.00.
CHOICE HEIFERS: 73.00-75.50.
SELECT HEIFERS 65.00-72.50.
COMMON HEIFERS 59.00-65.00.
GOOD FEEDERS 70.00-90.00.
COMMON FEEDERS 55.00-69.00.
BULLS 51.00-66.00.
GOOD HOGS 51.00-53.25.

Buffalo Produce

Mifflinburg R3
May 28 and 30, 1991
Report Supplied by Auction

ASPARAGUS: .75-1.10 ¾ LB. BUNCH.
BEDDING PLANTS: 3.00-11.00 FLAT.
RHUBARB: .35-.45 PER LB.
SPRING ONIONS: .25-.31 BUNCH.
GERANIUMS: 4" .70-1.30 EACH.
HANGING BASKETS: 3.00-9.00 EACH.
SUGAR PEAS: 1.50-1.85 LB.
FLORIDA TOMATOES: 15.00-20.00 PER 25-LB.
LOCAL STRAWBERRIES: 10.00-16.00 FLAT.
AUCTIONS EVERY TUES. & THURS. 11 A.M. PHONE 966-1151.

Indiana Livestock

Homer City, PA
Thursday, May 30, 1991
Report supplied by PDA

CATTLE 140. COMPARED WITH LAST THURSDAY'S MARKET; SL COWS STRONG .50 HIGHER, CHOICE 74.00-77.00; SEL. & LOW DRESSING CH. 70.00-75.00, STANDARD 64.00-69.50, CH. FEW STANDARD 60.25-62 75; H CH. & PR. SL. HEIFERS FEW CH. 72.00-74.00, FEW SEL. & LOW YIELD CHOICE 70.00-72.50, FEW STAND. 58.25-65.75, BREAKING UT. & COMMERCIAL SL. COWS 53.50-58.00, FEW HY 63.00-64.25, ONE 67.00, CUTTER & BON. UT. 51.50-55.75, HD 57.00, CANNER & LO CUTTER 43.50-51 50, SHELLS DOWN TO 25 50, ONE SEL 71.75, FEW YIELD GRADE NO 1420-1660 LBS. SL. BULLS 65.50-72.25, FEW NO. 2 960-1465 LBS. 58.00-60.75.

FEEDER CATTLE: STEERS FEW M&L 885-1005 LBS. 63 00-70.75 HEIFERS FEW M 300-330 LBS. 93 00-102 00, M&C 435-785 LBS 66.00-78.50.

CALVES: 133, FEW GOOD 99 50-103.00, FEW STAND. & GD 900-110 LBS. 74.00-89.00 55-85 LBS. 47.50-73.00, NO. 1 HOLSTEIN BULLS 85-130 LBS. 165.00-215 00, NO. 2 90-120 LBS. 97.50-160 00, NO. 1 HOL. HEIFERS 90-185 LBS. 115.00-157.50. BEEF CROSS 60-130 LBS. BULLS & HEIFERS 127.50-217.50, FEW TO 80.00, 195-290 LBS. 90.00-118.00.

HOGS: 122. BARROWS & GILTS 50.00-75.00 LOWER. 1-3 220-265 LBS. 52.75-53.25, 2-3 240-255 LBS. 51.50-52.50, LOT 1-4 275 LBS. 48.25, 1-3 190-210 LBS. 45.25-41.00. SOWS: FEW US. NO. 1-3 300-620 LBS. 40.50-46.25, FEW 2-3 295-315 LBS. 38.00-40.00, COUPLE BOARS 32.00 & 35.00.

FEEDER PIGS: 21. LOT US NO. 1-3 20 LBS. FEEDER PIGS 27.50.

SHEEP: 69. CHOICE 80-100 LBS. 54.00-59.50, ONE 61 LBS. 55-60 LBS. FEEDER PIGS 52.50-55.50, SLAUGHTER SHEEP ONE 16.50, GOOD & CHOICE 45 LBS. 39.00.

GOATS 7: ONE MEDIUM 42.50, FEW MEDIUM KIDS 37.50-47.50/HD.

Greencastle Livestock

Greencastle, Pa.
Thursday, May 30, 1991
Report Supplied by PDA

CATTLE: 279. COMPARED WITH LAST THURSDAY MARKET, SL. COWS 25.00-50.00, SL. STEERS SELECT 68.50, STANDARD 64.00. HOLSTEINS 68.25. STANDARD & HOLSTEIN 59.75-64 00, BREAKING UT. & COMMERCIAL SL. COWS 55.50-57.50, COUPLE 59 25, CUTTER & BON. UT. 52.75-57.50, CANNER & LO CUTTER 49.50-52.75, SHELLS DOWN TO 44.50. YIELD GRADE NO. 1 12-1295 LBS. SL. BULLS 63.25-70 50

FEEDER CATTLE: STEERS MED. #1 3-450 LBS. 80.00-98.00, LGE. #2 4-625 LBS. 70.00-86.00. HEIFERS LGE #2 340-530 LBS. 75.50-85.50, MED. #2 420-490 LBS. 68.00-73 50.

CALVES: 439. STAND. & GOOD 75-100 LBS. 76.00-88.00, UT. 60-85 LBS 60 00-72.00, NO. 1, HOLSTEIN BULLS 85-130 LBS. 165 00-213 00, NO. 2 80-125 LBS. 130.00-180.00, DOWN 90 00. NO. 1, HOL. HEIFERS 85-120 LBS. 125.00-175.00, COUPLE AT 185.00, #2 75-100 LBS. 85.00-135.00. BEEF CROSS 75-125 LBS. BULLS & HEIFERS 95.00-185.00.

HOGS: 12. BARROWS & GILTS NO MKT. TEST.

FEEDER PIGS: 14. NO MKT. TEST.

SHEEP: 39. CHOICE 40-85 LBS. SSL, 50.00-56.00. GOOD LOT 45 LBS. @ 41.00. SLAUGHTER SHEEP 13.00-20.00.

GOATS: 7 LGE. 32 00-100.00

Pennsylvania Livestock Auction

Waynesburg, Pa.
Thursday, May 30, 1991
Report Supplied by PDA

CATTLE 167. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS MOSTLY STEADY. BREAKING UT. & COMMERCIAL SL. COWS 52.00-58.00, FEW COM. 61.00, CUTTER & BON. UT. 50.00-55.50, CANNER & LO CUTTER 40.00-49.00, SHELLS DOWN TO 33.00. YIELD GRADE NO. 1 1200-1700 LBS. SL. BULLS 61.00-69.00, FEW NO. 2 900-1500 LBS. 55.00-59.00.

FEEDER CATTLE: STEERS M1 400-550 LBS. 90.00-107.00, HEIFERS M1 320-500 LBS. 80.00-91.00, BULLS M1 500-700 LBS. 80.00-91.00.

CALVES 41. CHOICE 110-115 LBS. FEW GOOD 90.00-111.00, FEW STAND. & GD. 80-120 LBS. 72.00-84.00, NO. 1 HOLSTEIN BULLS 90-130 LBS. 130.00-199.00, FEW NO. 1 HOL. HEIFERS 90-125 LBS. 100.00-152.00, FEW BEEF CROSS 80-135 LBS. BULLS & HEIFERS 105.00-194.00.

HOGS 40. 2-3 240-260 LBS. 50.50-51.50, LOT 2-4 323 LBS. 42.10. FEW BOARS 35.00-36 50.

SHEEP 125. H. CH. LOT 105 LBS. 56 00, GOOD/CH. 40-65 LBS. FEEDER PIGS 38.00-50.00. SLAUGHTER SHEEP 14.00-22.00.

•PA. DAIRY PROMOTION PROGRAM•
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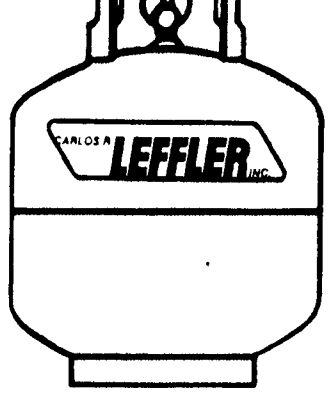

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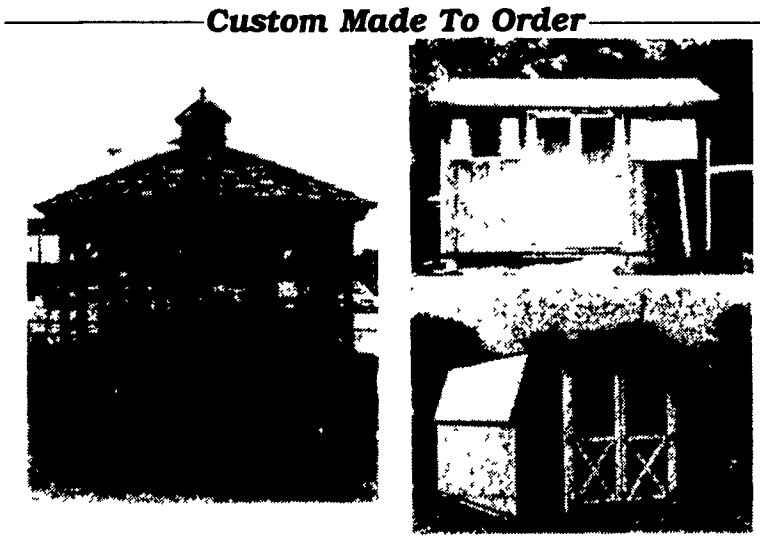

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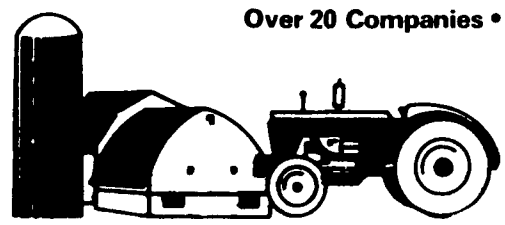

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Hershey School Gives Students An Appreciation Of Dairying

ANDY ANDREWS
Lancaster Farming Staff

HERSHEY (Dauphin Co.) — Teachers often try to respond to the question kids ask, "where does milk come from?"

Sometimes kids answer: the supermarket. But not the kids at the Milton Hershey Schools. They understand where it comes from.

Comprised of some 1,200 students from preschool to grade 12, the privately endowed residental school for needy children recently began integrating some of the major aspects of dairy farming and agriculture into the regular curriculum. Students can volunteer to work at one of the 11 dairy farms on the school premises and experience "hands on" what dairying is all about.

The school, founded in 1909, farmed about 12,000 acres at one time. The school's founder originally set up the dairy farms for the children, as part of daily "chore time," to milk cows.

School farms

Now, however, the school farms only about 3,200 acres out of 9,000 total acres in the operation. Of the 3,200, only about 2,500 are tillable. The farm grows about 1,000 acres of corn, 250 acres of barley, 250 acres of wheat, 300 acres of soybeans, and 400 acres of alfalfa. (The school was recently recognized by the Certified Alfalfa Seed Council as the outstanding alfalfa producer for the Northeast region at the council's 1991 awards program.) Six thousand remaining acres are maintained by the Hershey Trust Company and leased to other farmers in the area.

The school has a modified TMR program on one herd. They also operate their own feed mill and make up their own rations, working with the University of Pennsylvania. The school also uses forage analysis to more accurately measure and modify the feed.

Scott Hoerner, in tractor cab, cuts alfalfa on the Milton Hershey School Farm. The school maintains about 400 acres of alfalfa, and was recently recognized as outstanding alfalfa producer by the Certified Alfalfa Seed Council.

Norman Miller, farm manager, pauses to inspect a strawberry field at the Milton Hershey School Farms.

Each farm is maintained by a full-time herdsman. There are a total of 12 herdsmen and two supervisors, along with 11-12 substitutes to rotate the work schedule.

Eleven dairy herds of graded Holstein are broken into units as small as 36 per farm to as many as 100 head (housed in a freestall barn and a double-6 milking parlor). Breeding is all AI. The farm is on Pennsylvania DHIA owner/sampler, with a rolling herd average of approximately 17,000 pounds.

Students volunteer

Students can volunteer to work on the dairy farms, but are not required to. Also, students can sign up to work on the vegetable and fruit farms at the school.

All this is to allow the students to experience what farming is really all about.

"Most of our students are inner-city students," said Richard C. Hann, director of agribusiness at the school. "They come from the inner city. They have no idea what happens out in the nature area. They don't know that potatoes don't grow on trees. It's amazing. It's that kind of thing we want them to become more aware of — more of the environmental type things in nature. I think it has tremendous potential."

The students are made up of three groups: junior (pre-kindergarten through 4th grade); intermediate (5th through 8th grade); and senior (9th through 12th grade). Only the senior group can live on the dairy farms.

Intent of program

Hann said that the intent of the program "was not to necessarily make agriculture students out of them," he said. "It was more or less a 'work ethic' type of situation, giving them a chance to be part of something. And some of the students that have gone through the program have felt that it meant a lot of things to them."

The students working together can contribute their experiences and knowledge to furthering the program, according to the director. The program works because the students can volunteer and because of the resources available to them.

"We are so many generations removed from agriculture," said Norman Miller, farm manager at the school. Miller noted that only 2 or 3 percent of the entire U.S. population is directly involved in agriculture.

"We're assuming that these kids know this, about where their food comes from on the food/fibre chain," he said. "But our assumptions are wrong — they don't know."

Mark McCorkel, dairy herdsman, demonstrates the use of paper bedding at one of the farm locations at the Milton Hershey School Farms.

Bill McNitt, dairy herdsman, loads a bale of hay for shredding and silo storage at the Milton Hershey School Farms.

Dairy herdsmen at the farm inspect the loading of a silo. Here, Brian Hoerner, farmer/herdsman substitute, watches the load off the truck into the conveyor.

Chain event

Miller said it is up to the instructors at the school to "reinstate that

(Turn to Page A22)

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Hershey School

(Continued from Page A20)

into them, that, hey, you don't pick up a tomato from a local market already packaged by something back behind the store. It has to come from a chain event, that gets it there, and gets it to your table. And that's what we wanted to look and try to develop within the student, a concept of where things come from."

Also, students are shown development encroaching on the farm — and what this may mean to farming.

The program will show the students how trees are grown. Beginning at kindgergarten age, the students will plant several trees and take care of them. Through the years, they will maintain and watch the trees grow.

In addition, students in the third grade will be given a dairy calf to adopt and nurture. They will see and learn about reproduction and life stages in that program throughout their schooling.

Brian Hoerner, farmer/herdsman subsitute, inspects the shredded hay as it is conveyed into the silo.

Strictly with dairy

In the past, the school had other types of farm animals to take care of — hogs, turkeys, beef animals — but now works strictly with dairy animals and maintains a fruit and vegetable farm.

Hann said that, with all their resources, "we should have integrated them into the curriculum a long time ago. Oh, we had a class that maybe came out and saw the dairy cows, and saw the calves and so on, but it was sort of disjointed. Now we're getting into an effort here where we can really integrate agriculture into the curriculum, giving them lots of opportunities.

"We're trying to get them to think," he said, "about nature and their lives and so on. That's what we're aiming at. We wonder why we didn't do this a long time ago."

"We spent the last 100 years polluting our soils and everything else," said Miller, "and now we're going to spend the next 100 years wishing we wouldn't have, trying to correct things. So everybody is looking more into the environmental area. And we all need to become aware of the Chesapeake Bay and how that got to where it is now and how we can correct it.

"We don't want to overemphasize the environment," he said, "but that we live in harmony with it."

Grain Sorghum Useful In Soybean Rotation

NEWARK, Del. — Grain sorghum can be an excellent rotation crop for fields that have been planted continuously to soybeans for several years, said Dr. Richard Taylor, University of Delaware Cooperative Extension agronomy specialist.

Continuous soybeans frequently result in declining yields because of increases in disease and insect problems, to problems relating to soil fertility or, more likely, to infestations of soybean cyst nematodes (SCN). To help reduce SCN problems, soybean farmers should rotate to a non-host crop such as corn or grain sorghum.

"Usually the very fields that have been planted to continuous soybeans are too droughty to grow a profitable dryland corn crop," Taylor said. "In this case, a drought-tolerant crop such as grain sorghum can be used for rotation.

"Many growers have been very pleased with the response of soybeans planted following one or two years of grain sorghum," Taylor said. "However, just as with soybeans, grain sorghum should not be planted year after year in the same field."

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N.Y., N.J. Dairymen Receive $10.81 For April Milk

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during April 1991 will be paid on the basis of a uniform price of $10.81 per hundredweight, or 23.2 cents per quart.

The price for the corresponding month last year was $12.75 per hundredweight. Acting Market Administrator Ronald C. Pearce also said that the price was $10.90 in March 1991.

The uniform price is a market-wide weighted average of the value of farm milk used for fluid and manufactured dairy products.

April 1991 is the first month under the New York-New Jersey marketing orders as amended to have three-class pricing consistent with most other federal milk orders. Manufactured dairy products are now separated into two classes, Class II and Class III.

The seasonal incentive plan has been suspended for 1991. The plan would have removed 30 cents per hundredweight from the dairy farmers' uniform price for April. The monies deducted during the spring months, plus accrued interest, would have been returned in the August through November uniform price calculations.

A total of 12,843 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 957,791,359 pounds of milk during April 1991. This was a decrease of .3 percent (about 2 million pounds) from last year.

The gross value to dairy farmers for milk deliveries was $105,452,793.13. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 372,361,166 pounds of milk for Class I, 38.9 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks.

For April 1991, handlers paid $12.46 per hundredweight (26.8 cents per quart) for Class I milk compared with $14.77 a year ago.

Handlers used 174,388,687 pounds of milk for Class II products, 18.2 percent of the total. Class II products include fluid cream, eggnog, cottage cheese, ice cream, and yogurt.

The balance (411,041,506 pounds or 42.9 percent) was used to manufacture Class III products including butter, cheese other than cottage cheese, and dried milk. Handlers paid $9.95 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For April 1991, there was a price differential of 10.4 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received from farms in the 201- to 210-mile zone from New York City.

'Foodmaps' To Produce Available

ANNAPOLIS, Md. — The Maryland Department of Agriculture is offering two free "Food-Maps" to consumers looking for a nearby farm market or pick-your-own farm.

Just off the press is the 1991 "Maryland Farmers' Market Directory" which, this year, lists 39 attractive, open air farmers' markets in 18 of the state's counties and Baltimore City, as well as two in D.C.

A companion to this directory is the "Maryland Direct Farm Market and Pick-Your-Own Directory" which, for 1991, lists 59 farms and farmer operated roadside stands spread out in 15 of Maryland's counties.

Copies of both directories are available at public libraries in Maryland and D.C., Maryland tourist information centers, and each county office of the Maryland Cooperative Extension Service. Or you may obtain copies by sending a stamped, self-addressed business size (#10) envelope to "Food-Maps," Marketing Services, Maryland Department of Agriculture, 50 Harry Truman Parkway, Annapolis, MD 21401.

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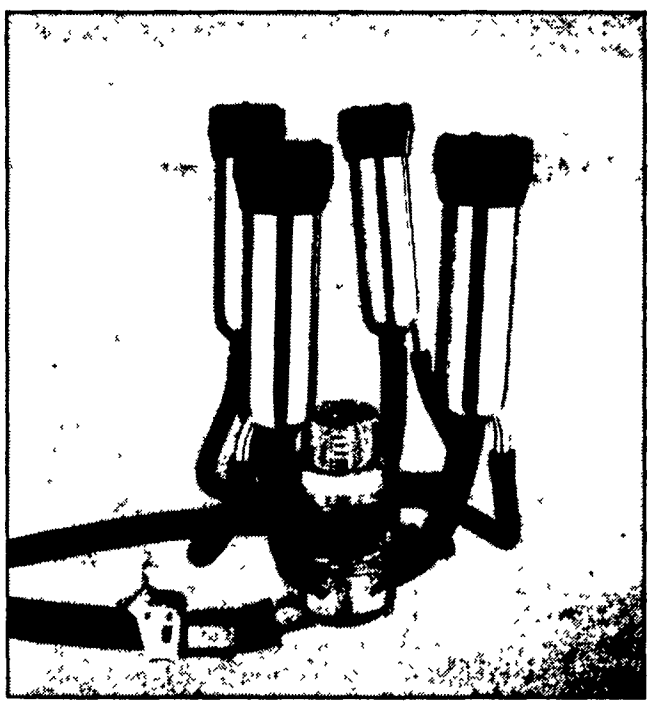

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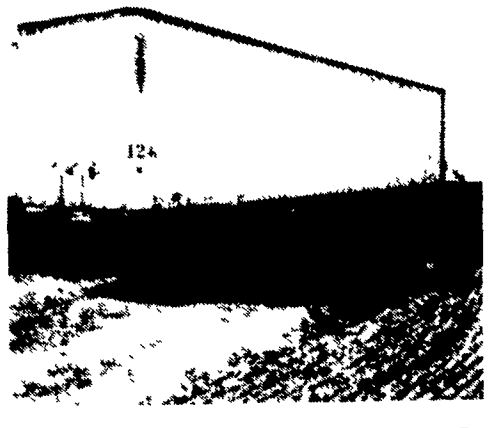

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Farmer Employs Natural Farming To Reap Benefits Of Soil

CONNIE LEINBACH
Berks Co. Correspondent

EARL TOWNSHIP (Berks Co.) — Not long after his fourth friend got sick from the harsh chemicals used to control bugs and worms, Leonard G. Stoltzfus decided to go natural.

"I watched a brother-in-law die of cancer and have seen neighbors and friends waste away (from the disease)," said Stoltzfus, a Douglassville R.D.2 dairy farmer. "I wanted to do something about it." He admitted that he used to feel "half sick" for a few days after using chemicals.

With a change in his thinking and in his agricultural program, Stoltzfus accomplishes without chemicals what he did with them five years ago while practicing monocropping. In essence, it's a return to the "old fashioned" way of farming — cultivating corn to get rid of weeds once the shoots appear, and rotating crops to control weeds and pests.

But it's a life-affirming method, he said.

Without chemicals, there should be 12 tons of microbial life per acre, he said. With chemicals, there's only two to four tons.

Since he abandoned the harsh chemicals that kill weeds and earthworms, he has felt better and has seen his earth return to the richness he sought using chemicals.

Besides, even more than one application of herbicide never got rid of the deep rooted weeds. Only a spike harrow can do that.

Stoltzfus will allow, however, that he does use a biological liquid, called Restore, as a soil enhancer. It contains microrganisms that join the earthworms in the dark earth. It smells sweet, like cider.

Stoltzfus's cousin, Nevin E. Mast, Oley R.D. 1, however, uses no chemicals whatsoever. "The earth wasn't meant to have all these chemicals put in it," Mast said.

His wife, Audrey, said that when they used chemicals she noted that the bird population was reduced.

"Since we've been farming this way we've seen the barn swallows come back and gold finches," she said.

Both men are concerned with how the years of constant chemicals will harm the earth.

"We're among those concerned with potential pollution from the agricultural system," Stoltzfus said one warm Saturday on his 187-acre farm where he lives with his wife, Doris.

A simple system of rotation cropping is all that's needed to break the insect and disease cycle, he said, because the weed competition for each crop is different. Deep rooted plants draw different weeds than shallow rooted plants.

A mixture of alfalfa, clover, and hay in the hay field yields a highly nutritional grain without a weed problem, he said.

Time tillage is employed to help control weeds, which are part of "the original curse," said Stoltzfus.

About the time that corn shoots in other fields are eight inches high, Mast and Stoltzfus have just finished planting. After that, farming involves prevention.

Knowing the signs the soils shows makes him more in tune with the earth and its cycles.

He contends that his method is not more work than monocropping with chemicals.

"It's more fun," he said with a smile. "It's rewarding. It's the way the good Lord intended us to farm." Without chemicals, he said, earthworms have returned in abundance, and they are the key to soil health.

"After a rain, or early in the morning, I see a lot of earthworms," he said. The more earthworms, the healthier the soil.

Worms eat their way through the soil, never munching on plant roots, and deposit their castings as they go. The castings are richer than the soil itself, he said.

Earthworm activity aerates the earth, making it more crumbly and porous, thus able to retain water better.

No fertilizers are needed, he said, because as the earthworms aerate the ground, nitrogen from the air seeps in. Stoltzfus says he started his natural program skeptically, and experimented without chemicals on a 40-acre field. But after that first season, he was so impressed, that in two seasons he made the switch on all his fields.

Yields are about the same, he said, as is crop quality. Overall herd health of his 80 head of Holsteins has improved, he said, and his milk yields are average — but, then, he's not trying to be the top producer.

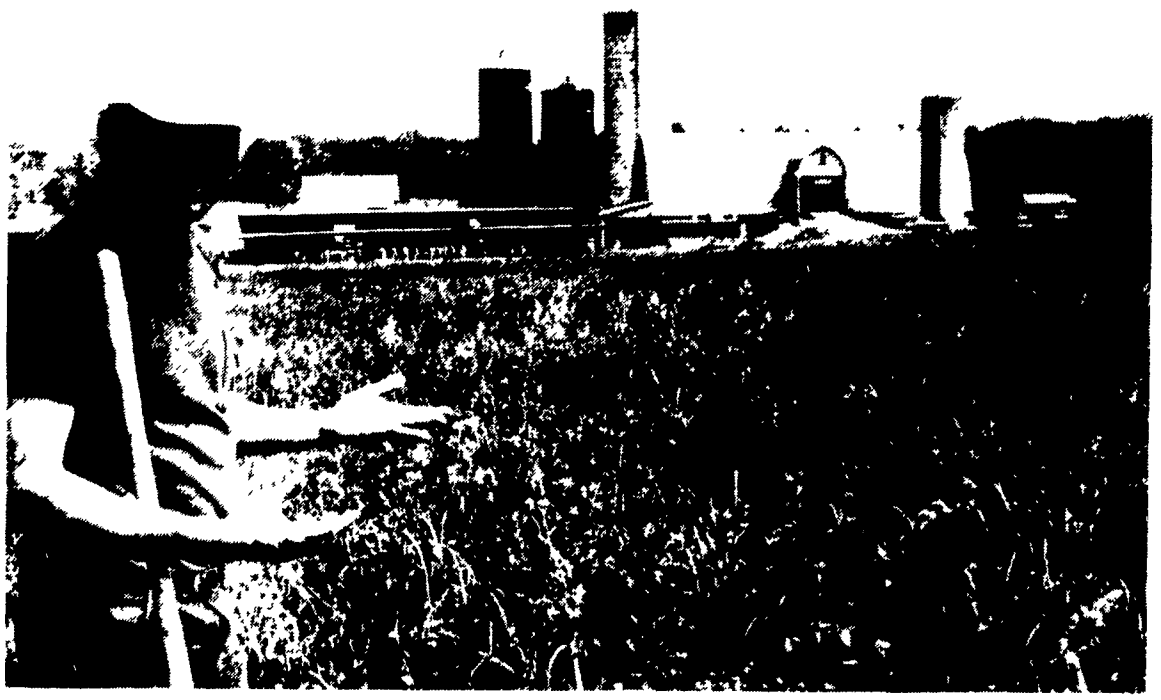
"Our soil tests have showed and crop yields prove we're not taking a licking," he said. "I'm excited about what I'm seeing in the soil." A test of the soil inventory done by The Pennsylvania State University lab showed Stoltzfus doesn't need to add anything to the soil.

"They said I could grow 150 bushels of corn per acre," he said. "Last year, we had the best corn crop around." Costs of this method of farming are not more expensive, he said. The costs of the chemicals actually exceed the extra labor cost needed to cultivate once the crops are planted, he said.

"But you don't go into it (natural farming) with (money) in mind; you do it for the environment," he said.

Stoltzfus didn't take any formal training in this method of farming. He learned what to do by reading some materials and by talking to other farmers.

Stoltzfus, holding a clump of soil, shows how the structure is crumbly and perfect for growing crops.



Stoltzfus, in his hay field, tells how his soil has become richer without the use of chemicals.

CONNIE LEINBACH
Berks Co. Correspondent

Connie Leinbach lives in Douglass Township, near Boyertown. She divides her time between freelance writing and caring for her three children, ages 11, 3 and 1.

Before that, she worked for seven years as a reporter for the "Reading Eagle-Times." Her last assignment there was covering the Berks County Court of Common Pleas.

As a cub reporter, Connie was "baptized into journalism by covering the Pennsylvania Farm Show for three years," she said.

She was born and reared in Berks County.

Leonard G. Stoltzfus, Douglassville R.D. 2., talks at his Earl Township farm about how he changed his farming methods from heavy use of herbicides and pesticides to natural methods.

A transition period is needed to make a complete switch from using chemical herbicides, fertilizers, and pesticides, he said. Though the switch can be completed in several growing seasons, it takes years longer for all of the chemicals to break down and disappear.

Stoltzfus illustrated his points about soil structure with a band of newly cut hay. He indicated a lumpy mass of soil, which he said was worm castings, around the base of a shorn plant. Pulling it up, he broke it apart and pointed out the tunnel through it, proving that earthworms were indeed doing what they are supposed to be doing.

He broke it apart, the brown soil crumbling easily through his fingers. Before, using chemicals, the soil was harder, and stuck together in layers, he said.

He raised the clump to his nose.

"It smells sweet," he said. With chemicals, it smelled putrid. "If I'd put fertilizers on this earth now, the earthworms would all be dead," he said.

Stoltzfus relates a story that reinforces his belief in what he is doing.

He rents a field nearby that had been farmed for more than 20 years with heavy use of chemicals.

"You'd think after using chemicals that long there would be less weed pressure," he said. "But the weeds were overwhelming." Gradually, he said, he is switching this field to natural methods.

Stoltzfus realizes that what he and his cousin are doing is a drop in the bucket, since all of the farmers around him continue to use chemicals.

But he is concerned about the ground water around here and he worries that the same thing is happening here as has happened in the Midwest, where farming with chemicals is intense.

There, he said, occurs the highest per capita instance of cancer.

"And farmers are the main offenders (of ground water pollution)," he said.

Still, he insists, it doesn't take a lot of effort for a farmer to change his way of thinking about how he makes his living.

"The biggest adjustment we have to make is right under our hats," Stoltzfus said. "You have to watch the weeds, know what's happening, think ahead." There's a spiritual aspect to his methods. Man may discover that trying to control the environment with artificial methods may eventually be harmful, he said. Stoltzfus has made a slide presentation which he has used to talk about his natural methods to the Young Farmers Association in Kutztown.

Farmers interested in learning to farm without chemicals can call Stoltzfus at (215) 689-5540.

Ag Trade Policy Center Opens Debate June 4

COLLEGE PARK, Md. — Maryland's new Agricultural Trade Policy Center will sponsor its first public event on Tuesday, June 4, at the state Department of Agriculture headquarters building in Annapolis.

Supporting organizations include the Cooperative Extension Service University of Maryland System, the university's Department of Agricultural and Resource Economics at College Park, the Maryland Department of Agriculture (MDA), and the International Division of the Maryland Department of Economic and Employment Development.

Mixing modern satellite teleconference techniques on a nationwide hookup and old-fashioned town meeting concepts at a state level, the event is aimed at increasing awareness and understanding of national issues and government policy alternatives that affect agricultural trade. It will run from 12:45 p.m. to 4 p.m. in the MDA conference rooms.

The session will get under way with introductory remarks by Wayne A. Cawley, Jr., state Secretary of Agriculture and Dr. Craig S. Oliver, director of the Maryland Cooperative Extension Service.

Speakers of international renown will then appear via live television from Washington, D.C., addressing the conference topic, "Effect of GATT and Free Trade Agreements on U.S. Agriculture."

They will include officials of the U.S. Department of Agriculture, the General Agreement on Tariffs and Trade negotiations group, the National Center for Food and Agricultural Policy, the European Community representative to GATT, and a trade official of the Embassy of Australia in Washington, D.C. Australia heads the Cairns Group, an organization of 14 major exporting nations of agricultural products.

Dr. Earl H. Brown, director of the Maryland Agricultural Trade Policy Center, will follow on a live satellite TV hook-up from Stillwater, Okla., as moderator for a panel of agricultural economists from three land-grant universities and the National Center for Food and Agricultural Policy. Panel members will present interpretations of current research relating to the "Impact of Alternative Trade Policies."

Throughout the two-hour teleconference, audience members at 100 downlink locations around the nation will have the opportunity to question speakers — or hear them questioned — through a telephone hookup.

Attention will shift to the Maryland scene during the final hour of the June 4 event, as Dr. Ramon E. Lopez, professor of agricultural and resource economics at the University of Maryland College Park, and Martin R. Brill, international sales director for B. Green and Company of Baltimore, present their views regarding the "Possible Impact on Maryland Producers" of the GATT negotiations and other free trade agreements relating to agriculture.

Earl H. Brown, director for the Agricultural Trade Policy Center, and J. David DeChant, international marketing specialist for the Maryland Department of Agriculture, are the conference program organizers.

Dr. Brown is a professor of agricultural economics and international trade specialist for the Cooperative Extension Service University of Maryland System. He and the Agricultural Trade Policy Center are housed in facilities provided by the University of Maryland at College Park. They are affiliated with the university's Department of Agricultural and Resource Economics in the College of Agriculture.

The center was organized in 1990. Its staff includes 15 faculty members from three colleges of the University of Maryland at College Park who devote part of their time to trade policy issues.

In 1985, Dr. Brown helped to organize a similar teleconference on agricultural aspects of international trade policy. That one, too, was based on a nationwide hookup with uplinks provided by Oklahoma State and the University of Maryland.

It helped to lay the groundwork for the Uruguay round of negotiations for the General Agreement on Tariffs and Trade — the first time that agricultural trade had been in- cluded on the GATT agenda.

This year's teleconference follows that round of negotiations, which were to have been concluded last December. However, talks are still continuing between the United States and the European Community.

Persons with access to a satellite television dish may tune in the June 4 teleconference on Westar 4, Channel 23.

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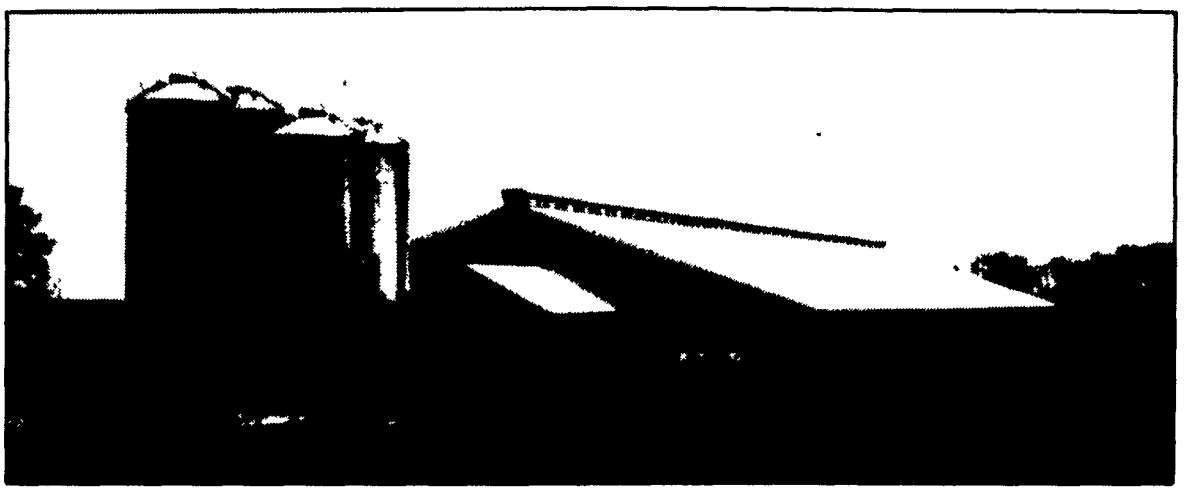

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Way-Win Farm: Ecologically Sound, Financially Efficient

BY RANDY WELLS
Indiana Co. Correspondent

NORTH FREEDOM (Jefferson Co.)— At the Way-Win Valley Farm in eastern Jefferson County during the first week of May, brothers Dave and Charles Boddorf began spreading eight months worth of manure.

But the brothers were actually a little excited about the onerous-sounding chore.

Changes made at Way-Win last summer were about to become time-savers. The farm was about to become ecologically responsible. And the Boddorfs were about to make better use of one of the farm's most valuable by-products: 248,000 gallons of semi-liquid manure.

Last August the Boddorfs completed construction of a poured concrete manure storage tank, the only concrete facility -- and one of only about ten manure storage systems of any description -- in their county.

Twelve feet deep and 74 feet in diameter, the tank has a capacity of 386,000 gallons -- more than Way-Win needs now, but big enough to allow for future growth.

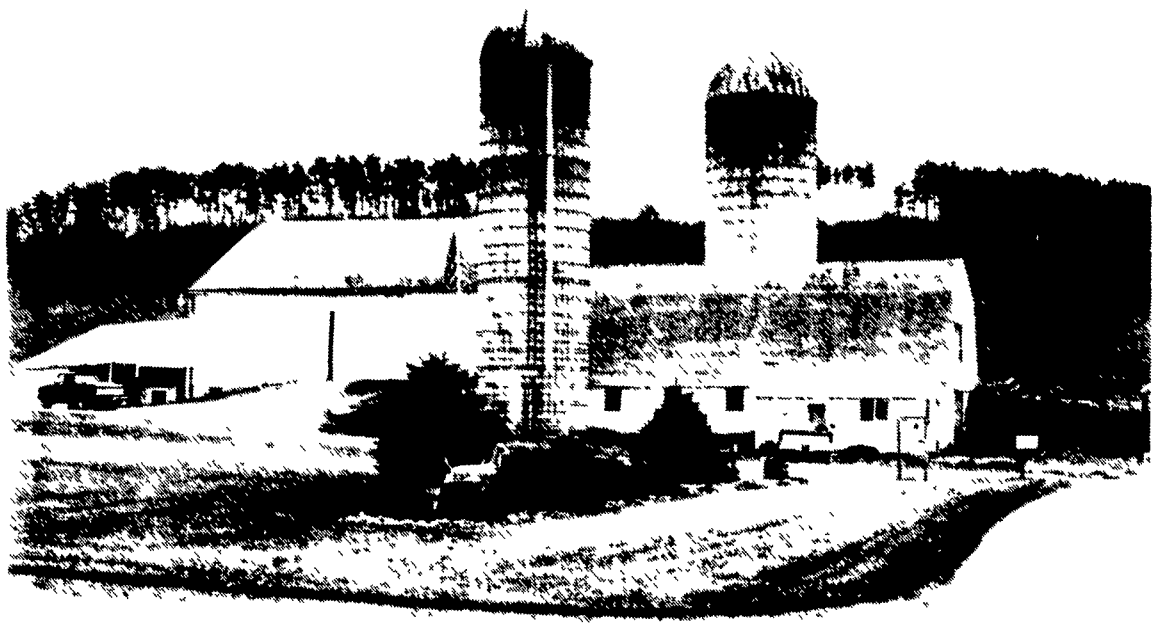
Situated in an area of rolling green pastures and scenic country homes near the villages of North Freedom on the Jefferson-Armstrong county border, Way-Win is a Dairy of Distinction, and is not only technology-conscious but esthetically pleasing. The brothers Boddorf believe their new storage tank will enhance both of those attributes.

The actual tank construction was performed by Sollenberger Silo of Chambersburg, but hours of additional work before and after was done by the Boddorfs. The brothers excavated the site before construction and back filled afterward. They also poured concrete and installed much of the peripheral equipment.

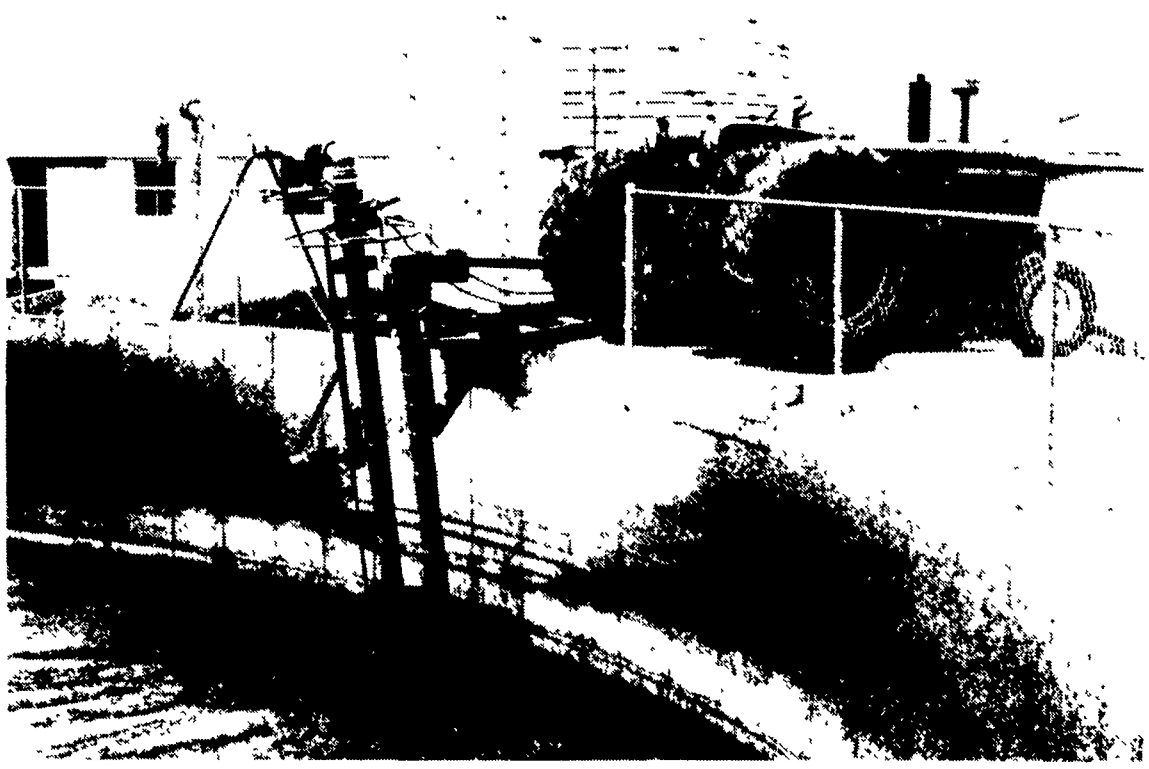
For younger brother Dave, 34, a Penn State degree in civil engineering has been helpful not only in building the new system, but in day-to-day farming operations.

After working on the family farm during his high school years, Dave said he was ready for something different. With his Penn State degree in hand he moved east, and spent the next five years helping build hydraulic cranes at Grove Manufacturing in Shady Grove.

From the left, Dave and Charles Boddorf stand along the edge of a manure system they installed last year to store and take advantage of the waste from their Holstein herd.



Located in Jefferson County, Way-Win Valley Farm is a Dairy of Distinction, an honor earned in 1989. The landscaping, attention to detail and efforts to make the operation as efficient and responsible as possible.



The PTO from the tractor runs a 12-foot vertical pump that also agitates the slurry into a pumpable mixture. The level rings along the side of the 74-foot diamter pit shows the different levels of manure. One inch in change in level represents a change of 2,300 gallons. The entire poured concrete pit has a capacity of 386,000 gallons, enough to allow the brothers to expand the herd and still be able to maintain the effectiveness of the nutrient management system.

RANDY WELLS
Indiana Co. Correspondent

Randy Wells

A highlight of 1991 so far for Indiana County correspondent Randy Wells was his acceptance of a Keystone Press Award from the Pennsylvania Newspaper Publishers' Association in May.

Wells received a first place award for investigative reporting for a series of articles on home burglaries he co-authored for the Indiana Gazette, where he is a reporter and staff writer.

A journalism graduate of Indiana University of Pennsylvania, he has contributed articles to Lancaster Farming from Indiana, Jefferson and Armstrong counties since 1988.

He and his wife Pat and two children live near Marion Center.

After returning to the farm he and older brother Chuck, 51, entered their herd in the DHIA program in March 1985. Their first rolling herd average in March 1986 was 17,645 pounds of production, 629 pounds of fat and 540 pounds of protein.

Their most recent DHIA figures from April of this year show significant improvement: 20,963 production, 771 of fat and 663 of protein.

Another of the Boddorfs' goals was herd improvement, and today 72 of the farm's 77 Holsteins are registered.

That same drive for improvement was behind the new manure storage system.

"We wanted to save those nutrients (in the manure). There's no sense hauling it in winter and letting it leach away," Dave said.

According to a waste management plan provided the Boddorfs by the Jefferson County ASCS office, 50 percent of the nitrogen in manure evaporates into the atmosphere within three days after it is spread on top of the ground. And in winter when the ground is frozen, valuable nutrients are often washed away into streams, contaminating groundwater.

With the storage tank, the Boddorfs are able to accumulate the manure and its nutrients throughout the year, then spread it at the most advantageous time to benefit crops.

For 12 to 15 minutes twice a day, a gutter cleaner removes manure from the barn and empties it into a reception pit just outside. A 7.5 hp J-Star ram pump then forces the manure about 60 feet underground through a 12-inch pvc pipe and into the bottom of the storage tank.

For about 50 weeks a year the

(Turn to Page A27)

Dave uses accounting and ration balancing software programs on the farm comupter to help the Boddorfs manage their farm.

A converted 1974 Mack truck is part of the manure spreading program at the Boddorf farm, Way-Win Valley Farm. Here, from left, Dave and Charles Boddorf stand by the front of the truck while the PTO from the tractor runs a 12-foot vertical pump. The pump also acts as an agitator to smooth out of the slurry before it is pumped into the truck for hauling to fields several miles away from the main farm.

Way-Win Farm

(Continued from Page A26)

tank only accepts manure. Milk house water is also deposited into the tank, and the solids gradually rise to the surface, forming a crust as they dry.

"You want that crust forming on top, sealing the nutrients in," Dave explained. "When manure is exposed to air, nitrogen goes."

When it is time to use the manure, a 12-foot J-Star vertical pump, powered by a tractor's PTO, agitates the mixture, then pumps the slurried manure from the tank and into a 3,000 gallon Badger spreading tank.

Since the Boddorfs did not have a tractor big enough to handle the 3,000 gallon tank, they opted for a truck-mounted spraying outfit.

As another example of their self-reliance, the brothers bought a used 1974 Mack tractor, stretched the frame themselves, and mounted the tank on the truck chassis.

The truck gives them the versatility of applying manure to cropland even five miles away from the home farm. Some of those distant fields are getting manure for the first time in many years, Dave said.

It takes about four minutes to spread a truck load of the manure, with an application rate of up to 25 tons per acre.

They expect to have enough manure to treat all their corn ground this spring, and may pump more manure out this fall to treat wheat ground.

Boddorfs also anticipate emptying the tank in one week to 10 days, and have been trying to plow the manure into the ground the same day it is spread.

Besides making better use of the manure, the system also offers several mechanical advantages. The vertical pump is removable from the side of the pit and can be cleaned and stored out of the weather when not in use. And there is no longer a need to run tractors or spreaders in frigid weather.

"It's a lot easier when it's zero to flip the switch then to be out there on a tractor," Dave said.

But the system is by no means inexpensive.

The concrete pit itself cost $36,000. The ram pump was $7,500, and the vertical pump another $5,900. The 3,000 gallon Badger tank added $7,400 more, and the brothers have $5,500 invested in their rebuilt spreader truck.

Adding roughly another $1,000 for miscellaneous expenses, Dave estimates the entire system cost about $63,300.

But the brothers were able to somewhat control costs in two ways: they did much of the work themselves, and they took advantage of a cost-sharing offer from ASCS.

Under a three-year long term agreement, ASCS contributed $10,500 to the project.

Will Dave and Chuck ever see the project paid off in their lifetimes?

Truly accurate figures on savings may not be possible until fall, when manure samplings can be compared to soil tests to determine how much chemical fertilizer needs to be applied along with the manure. But the brothers are hoping the timely applications of manure will cut their need for chemical fertilizer by 50 to 60 percent -- perhaps saving the farm as much as $1,500 a year on chemical fertilizer purchases.

With all the projects under way in the eastern part of the state to clean up the Chesapeake Bay, Dave said he believes improvements like their manure storage system will eventually be mandatory elsewhere in Pennsylvania.

"We're going to get the jump on it," he said.

Watch For Needle Cast Diseases

Martha Maletta
Horticultural Consultant
Rutgers Cooperative

I've recently received a number of samples of pines that have been damaged by needle cast fungus diseases. The samples show browning of the old needles; a short section of green at the base of these needles; the presence of new growth at the ends of the twigs. This type of disease can be controlled with applications of fungicides timed to protect the newest growth, generally during early to mid summer.

Needle cast diseases cause conifers to loose foliage prematurely. For example: Japanese black pine normally holds needles for 3-5 years, but one damaged by needle cast will loose needles in the second year. This results in a tree that looks sparse and looses vigor. Pine, spruce, and Douglas-fir are sometimes damaged by needle cast in this area. For identification of needle cast and control information, contact cooperative extension.

Also, numerous among the samples I've received this spring are hemlocks infested with wooly adelgid. The egg masses and adult insects are covered with a cottony white waxy material which shows up very noticeably clustered along the twigs.

A new cooperative extension fact sheet on raccoons may be of interest to Hunterdon residents. Information of control of raccoon problems is included in this publication. Call (908) 788-1338/1339 for a copy.

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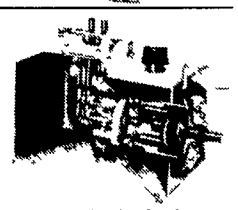

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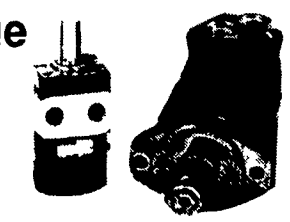

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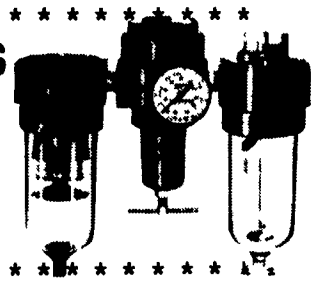

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AGWAY. Farm Values

RCMA: N.Y. Law Is Right Direction

BATAVIA, N.Y. — Minimum milk prices established in New York State by Commissioner Richard T. McGuire are a step in the right direction, says RCMA Executive Director Carmen L. Ross.

RCMA, the Regional Cooperative Marketing Agency, has led efforts to obtain higher milk prices for dairy farmers. RCMA leaders are pleased the Commissioner of Agriculture established interim prices under emergency legislation passed in New York on May 2. The commissioner set an interim minimum price of $13.85 for Class I milk, and $10.30 on Class II and Class III milk.

"We are pleased and encouraged that the commissioner has set interim prices," Ross said. "We hope that when he rules on our Rogers-Allen petition, he will establish the prices we requested."

The interim prices announced by the commissioner on May 9 take effect June 1 and will remain in effect until he reaches a decision on RCMA's Rogers-Allen petition or 180 days. The petition was the subject of 12 days of testimony in Albany during April. A preliminary decision is expected in early June. If the commissioner sets minimum prices based on the Rogers-Allen petition, those prices will replace the interim prices announced last week.

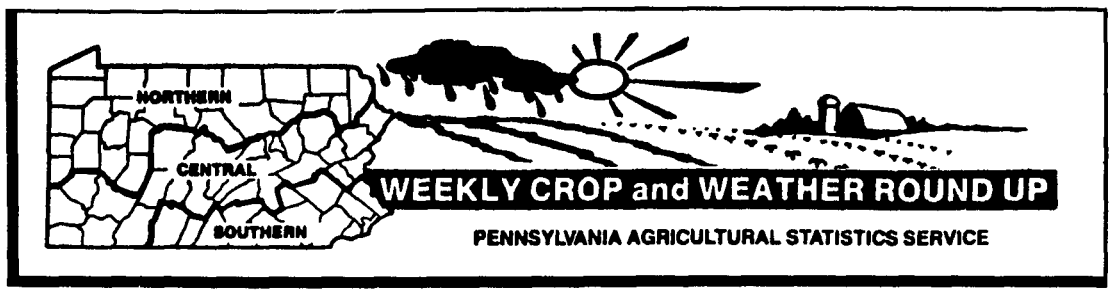
In its petition, RCMA asked the commissioner to establish a minimum price of $14.50 for Class I milk. It also asked for a 40-cent over-order price on Class II milk, which would be in effect up to a maximum Class II price of $11.50, and a 20-cent over-order price on Class III milk, in effect up to a maximum Class III price of $11.30. The petition asks the commissioner to establish these prices for a one-year period.

"RCMA has been instrumental in obtaining higher prices for milk," Ross said. "There could not have been a Rogers-Allen petition and hearing without RCMA. The Rogers-Allen law requires that an organization representing at least 35 percent of the state's dairy farmers file the petition requesting the hearing. We are the only organization with that many dairy farmer members in the state."

Approximately 93 percent of the state's 10,000 dairy farmers are members of RCMA. Even those who aren't members will benefit from the higher prices generated by RCMA's efforts in New York, Ross noted.

"Those dairy farmers who aren't RCMA members have been getting a free ride," Ross added. "They should commit themselves to working with their neighbors through RCMA to obtain higher milk prices. RCMA still does not charge any membership fee or dues. Membership is free, but the financial benefits of membership in RCMA are significant."

Dairy farmers interested in obtaining more information about RCMA may call the office, toll-free, at 1-800-634-3723.



FOR THE WEEK ENDING MAY 26

EXCELLENT WEEK FOR FIELDWORK: Hot and dry conditions prevailed over most of the commonwealth. Isolated rainfall provided little relief for the dry conditions. Respondents to our survey indicated that 6 days were suitable for field work. Activities for the week included repairing fence; hauling manure; spreading fertilizer and lime; cutting hay; maintaining machinery; spring plowing; planting crops; and caring for livestock.

SOIL MOISTURE: Across the commonwealth, topsoil was rated short by 61 percent of our respondents and adequate by 39 percent. In the northern region, 74 percent rated it short, and 26 percent of our respondents rated it adequate. In the central region, 61 percent of our respondents rated soil moisture short and 39 percent rated it adequate. In the southern region, 47 percent of our respondents rated soil moisture short and 53 percent rated it adequate.

PLOWING: Pennsylvania plowing was 95 percent completed by week's end. Last year 89 percent was complete with a five-year average of 90 percent. Completion of spring plowing was 91, 97, and 96 percent in the northern, central, and southern regions, respectively.

CORN: The corn crop in the State was 84 percent planted by the week's end. At this time last year, 63 percent was planted. The five-year average was 62 percent. Planting completion by region were northern region-79 percent; central region-85 percent; and southern region-90 percent.

SOYBEANS: Soybean planting was 46 percent planted by week's end. Last year planting was 21 percent complete and the five-year average was 26 percent.

OATS: Pennsylvania's oats were 99 percent planted at the end of this week. Last year, that figure was 95 percent and the five-year average was 96 percent planted. In the northern region, 97 percent was planted and in the central and southern regions, 100 percent was planted. The oats crop was rated 22 percent excellent, 53 percent good, 22 percent fair, and 3 percent poor.

POTATOES: At the week's end, 91 percent of the State's potato crop was planted, according to our respondents. Last year's progress at this time was 73 percent and the five-year average was 78 percent.

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PSU Polls Public's BST Response

UNIVERSITY PARK (Centre Co.) — About half of all Pennsylvania consumers and public school food directors have concerns about treating cows with bovine somatotropin, according to recent telephone and mail surveys conducted by faculty in Penn State's College of Agriculture.

"A century ago the new practice of milk pasteurization was highly controversial," said Dr. Blair J. Smith, associate professor of agricultural economics. "Today the great debate is focused on giving supplemental bovine somatotropin to dairy cows to increase their levels of milk production."

Bovine somatotropin (bST) is a hormone produced naturally in a cow's pituitary gland which helps regulate feed efficiency and milk production in mature cows. Biotechnology has made it possible to produce large amounts of bST in the laboratory at relatively low cost.

"Our surveys suggest that informing the public about the benefits of this new practice before it's approved for commercial use might be more effective than a later campaign to repair damage that could be inflicted by anti-bST activists," Smith said.

"Most bST research has focused on production. Less attention has been given to what might happen on the consumption side of the industry if commercial use of bST is approved. This is probably where the greatest cause for concern now should lie, because bST has become the focal point of a movement against biotechnology in general."

The U.S. Food and Drug Administration has determined that milk produced by bST-treated cows is safe for consumption. Since 1985, the agency has allowed such milk to enter the market from herds using bST on an experimental basis. Government approval for industry-wide commercial use of bST is expected within the next two years.

Smith and his colleagues telephoned 508 adults in Pennsylvania to discover their perception of milk from bST-supplemented cows and how consumers might change their milk consumption when bST is approved. Similar questions were posed to 429 district-level school food service directors in a mailed survey.

"The responses of the consumers and food service directors to identical questions were surprisingly similar," Smith said. "Forty-nine percent of the consumers and 50 percent of the school lunch directors said they thought milk from bST-supplemented cows would be different in some important way from the milk being sold now."

The consumers then were asked how knowing the milk came from hormone-treated cows would affect the amount of milk they drink. "Although better than half of the respondents indicated their use would not change much at all, 32 percent said their use would decrease or stop altogether," Smith said.

The school lunch directors were asked whether they would be reluctant to serve milk from bST-treated cows to their students. "Almost 80 percent of the directors expressed at least some reluctance towards the idea," Smith said.

The responses of both groups to questions about bST were correlated with other questions asked during the telephone and mail surveys.

"People who had not otherwise heard or read about bST were more likely to say they expected to decrease milk consumption because of it," Smith said. "Among those surveyed, females were more likely than males to say they expected to decrease milk consumption.

"Food service directors who said they would be most reluctant to serve such milk to their students also were more concerned about the fat, cholesterol and calories in milk and were more likely to think that milk from bST-treated cows would be different in some way," Smith said. In addition, 82 percent felt that such milk should be labelled to distinguish it from milk produced by herds not using the hormone.

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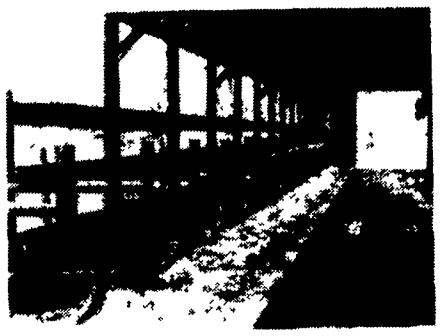

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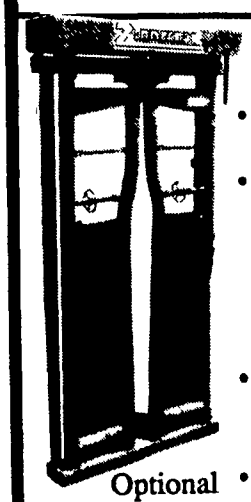

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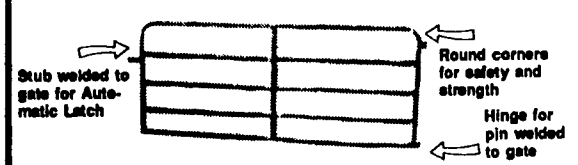

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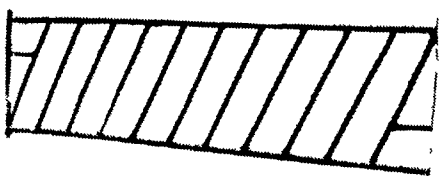

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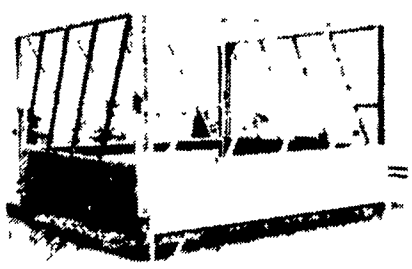

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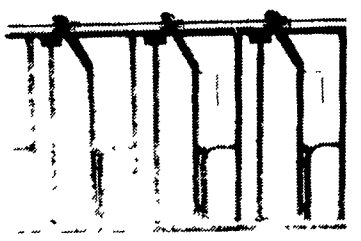

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Nitrogen Management Improves Yields

DEKALB, Ill. — Efficient nitrogen management can help growers reduce production costs, increase productivity and protect groundwater. How much nitrogen (N) a farmer applies will affect results.

"It takes about a pound to a pound and a half of N for each bushel of grain produced," said Rick Mason, regional agronomist for DEKALB Plant Genetics. "As a guideline, farmers can estimate total pounds of N required by multiplying their realistic yield goal by 1.25. After that subtract the amount of nitrogen that can be expected from other sources such as previous crop, manure, or organic fertilizers."

Mason said that because of the many methods of applying nitrogen, growers should consider the most cost-efficient and environmentally safe method.

"University studies and field experience show sidedress applications of nitrogen fertilizer are more efficient than preplant, especially on coarse-textured soils," said Mason. "Sidedressing reduces the risk of nitrogen loss by reducing the length of time nitrogen is in the soil before being taken up by the crop."

Most farmers, however, are uncomfortable relying totally on sidedress applications because of potential weather delays in application, the DEKALB agronomist said. So split applications may be safer.

"In this case, apply 50-60 percent of the required nitrogen amount prior to planting and plan to come back with the rest as a sidedress application," said Mason. "This gives you an opportunity to observe corn stands and assess the moisture situation, adjusting the nitrogen rate according to yield prospects."

Matching the nitrogen rate to a better estimate of crop requirements leads to efficient use and reduces the cost per unit of production, he said.

Lancaster Chamber Sets Date For Farm Tour

LANCASTER (Lancaster Co.) — The Lancaster Chamber of Commerce and Industry has planned to go to York County for the annual businessman's agricultural tour. The date is Friday, June 14.

Tour Highlights

The first stop will be at Susquehanna Aquacultures, Inc., York Haven, PA where owners Bill Weibrecht and Brent Blauch raise and market 150,000 lbs. of hybrid striped bass annually. Now undergoing expansion to meet consumer demand, the owners also continually experiment with new technologies and work with the Pennsylvania Department of Agriculture to promote and market fresh water fish and Pennsylvania aquaculture.

After lunch at Rocky Ridge Park, York County, served by the Lancaster-Chester County Pork Producers, the group will visit Peg and Terry Helder's Evergreen Farm, a paint horse breeding and training facility in Craley, PA. Both brood mares and show horses in various stages of training are kept here, and the tour will include a demonstration by the Helders in their indoor riding arena.

Itinerary

9:00 a.m. — Depart from Lancaster Shopping Center on air conditioned bus (complete with lavatory)

9:45 a.m. — Arrive at Susquehanna Aquacultures

11:15 a.m. — Depart

11:30 a.m. — LUNCH at Rocky Ridge Park served by Lanchester Pork Producers

12:30 p.m. — Depart

1:00 p.m. — Arrive at Evergreen Farm

2:15 p.m. — Depart

3:00 p.m. — Return to Lancaster Shopping Center

The cost for the tour is $15 for chamber members and $20 for non-members. Deadline for reservations is Friday, June 7. Make checks payable to the Lancaster Chamber and mail to Businessman's Agricultural Tour, Box 1558, Lancaster, PA 17603 or call Jay Howes at the chamber. Phone (717) 397-3531.

Let Economics Determine Soybean Planting

DEKALB, Ill. — Sometimes soybean growers are faced with the difficult decision of whether or not to replant a field of soybeans with less-than-desired stand. DEKALB Plant Genetics regional agronomist Tim Wolf said growers must weigh the economic differences between a thin stand of soybeans versus the yields of late-planted soybeans.

"To evaluate whether or not late planting will pay, growers need to compare the penalty for late planting with the penalty for reduced stand," he said. "If farmers do replant, they must factor in additional planting cost into the formula."

Wolf said soybeans can overcome many stand and growth adversities and still produce a normal or near-normal yield. Soybean plants have a great ability to compensate for thin stands. But there are limits, and sometimes farmers have to replant.

Research shows yield varies little over populations ranging from 50,000 to 200,000 plants per acre if the stand is healthy and weed-free.

If replanting is necessary, Wolf offers the following tips:

- Use the narrowest row spacing in order to maximize ground canopy formation.
- Increase planting rate 25 percent over normal because individual plants will be smaller.
- Use high quality, fungicide-treated seed.
- Stick with normal maturity group or move not more than one maturity group earlier.
- Consider using an appropriate soil-or-seed-applied fungicide if original stand loss was due to "water molds," pythium or phytophthora.

If replanting is done, do you best to eliminate the problem which caused the reduced stand, Wolf said.

He said weeds also can be a problem. A thin stand of soybeans may not compete adequately with weeds because of poor canopy development. So a thin stand needs excellent weed control in order to capture top yields.

Poor emergence may be a cause of thin stands, Wolf said. Rotary hoeing can help alleviate the problem by breaking a soil crust.

Seedling blights and diseases also affect stands. Fertilizer burn also can cause problems if placed too close to the seed.

Wolf adds herbicide damage can deform, stunt, and crinkle roots, stems, and leaves. Growers should also watch for insect damage. Skips in the row are signs of planter failure or unfavorable soil conditions, the agronomist said.

Consider Seedling Development

DEKALB, Ill. — Survival of delicate corn seedlings this spring may depend on management decisions growers make now. DEKALB Plant Genetics regional agronomist Tim Wolf said growers need to remove as many limiting factors as possible for successful seedling development.

Wolf said growers should examine fields frequently at emergence. If crusted soil exists, rotary hoe to break up the soil surface.

As seedlings emerge, they develop a second set of roots an inch to inch and a half below the ground. He said banding a small amount of fertilizer near these new roots is especially critical if soils are cold or wet, or soil test results are moderate to low.

Wolf also warns growers to watch for nutrient deficiencies as well as root damage that can be caused by insects, nematodes, diseases, herbicides, or cultivation. Seedlings usually recover with a foliar or sidedress application of fertilizer, or when growing conditions improve, and often with little or no yield loss.

The growing point of the corn plant is protected at or below the soil surface until the plant is a foot tall.

"If this part remains alive, plants may lose their first five or six leaves to frost or hail and still survive," Wolf said. "Recovery depends in part on weather conditions."

Under flooding conditions, corn can live for a time if the growing point remains above water.

Lastly, the DEKALB agronomist said young corn is especially sensitive to weed competition for moisture and nutrients. "Regardless of the planned weed control program, scout fields regularly so that you can modify your planned weed control program if necessary," Wolf said.

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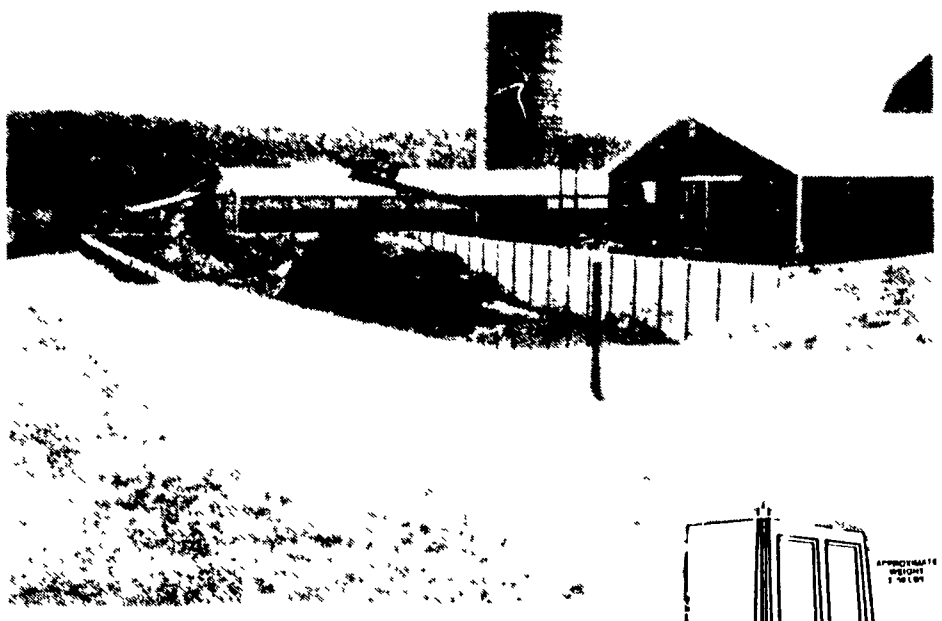

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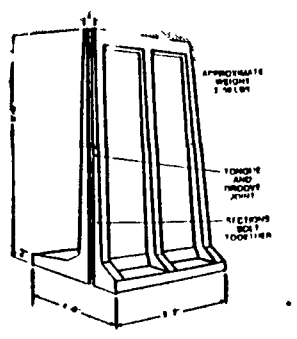

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Farm Calendar

(Continued from Page A10)

Pageant, Alker Grange Hall, Mexico, 8 p.m.
Susquehanna Co. Dairy Princess Pageant, Mountain View High School, Kingsley, 8 p.m.
Wyoming/Lackawanna Co. Dairy Princess Pageant, Lake View Lounge, Montdale.

Saturday, June 15

Lancaster Co. Dairy Princess Pageant, Farm and Home Center, Lancaster, 7:30 p.m.
Sullivan Co. Dairy Princess Pageant, Dushore-Main St., 7:15 p.m.
Franklin Co. Dairy Princess Pageant, Savoy Restaurant, Waynesboro.
Lycoming Co. Dairy Princess Pageant, Faith U.M. Church, Montoursville, 8 p.m.
Western Pa. Sheep and Pasture Management Field Day, Lewis Family Farm, Rochester, 10 a.m.-3 p.m.
Clearfield Co. Junior Livestock Day.

Sunday, June 16
Father's Day!

Monday, June 17

PennAg Grain Meeting and Feed Industry Seminar, Eden Resort Inn, 1 p.m.-9 p.m.

Tuesday, June 18

Mercer Co. Dairy Princess Pageant, extension office, 7:30 p.m.
Lancaster Co. Holstein Club Field Day, John and Susan Howard Farm.
York Co. crops field meeting, York Co. 4-H Center, 7 p.m.

Wednesday, June 19

Thursday, June 20

Friday, June 21
Summer Begins!

W. N.Y. Draft Horse and Pony Sale, Wyoming Co. Fairgrounds, Pike, N.Y., thru June 22.

Saturday, June 22

York Co. 4-H Fitting and Showing Workshop.
Wayne Co. 4-H Beef Showing and Fitting Workshop.
Penn State Junior Livestock Day, bus tour, Potter/McKean/Cameron Co. youth, Smethport Extension Office, 6:30 p.m.-7 p.m.
W. N.Y. Draft Horse and Pony Sale, Wyoming Co. Fairgrounds, Pike, N.Y.
Westmoreland Holstein Club annual picnic, Dave and Barb Miller, Crabtree, 7 p.m.

Sunday, June 23

Maryland BEEFestival, Carroll Co. Farm Museum, 10 a.m.-5 p.m.
National Holstein Convention, Sioux Falls, S.D., thru June 26.

Monday, June 24

N.J. state 4-H horse judging contest, Salem Co. Fairgrounds.

Tuesday, June 25

Wednesday, June 26

Lancaster Co. Home Horticulture Seminar, pruning ornamental trees and shrubs, Farm and Home Center, 1 p.m.-4 p.m. and 7:30 p.m.-9:30 p.m.
Regional 4-H Equine Expo, Delaware Valley College, Doylestown.
Central Pa. weed control meeting, Penn State Campus, 7:30 p.m.

Thursday, June 27

Clearfield Co. 4-H demonstration and public speaking contest.

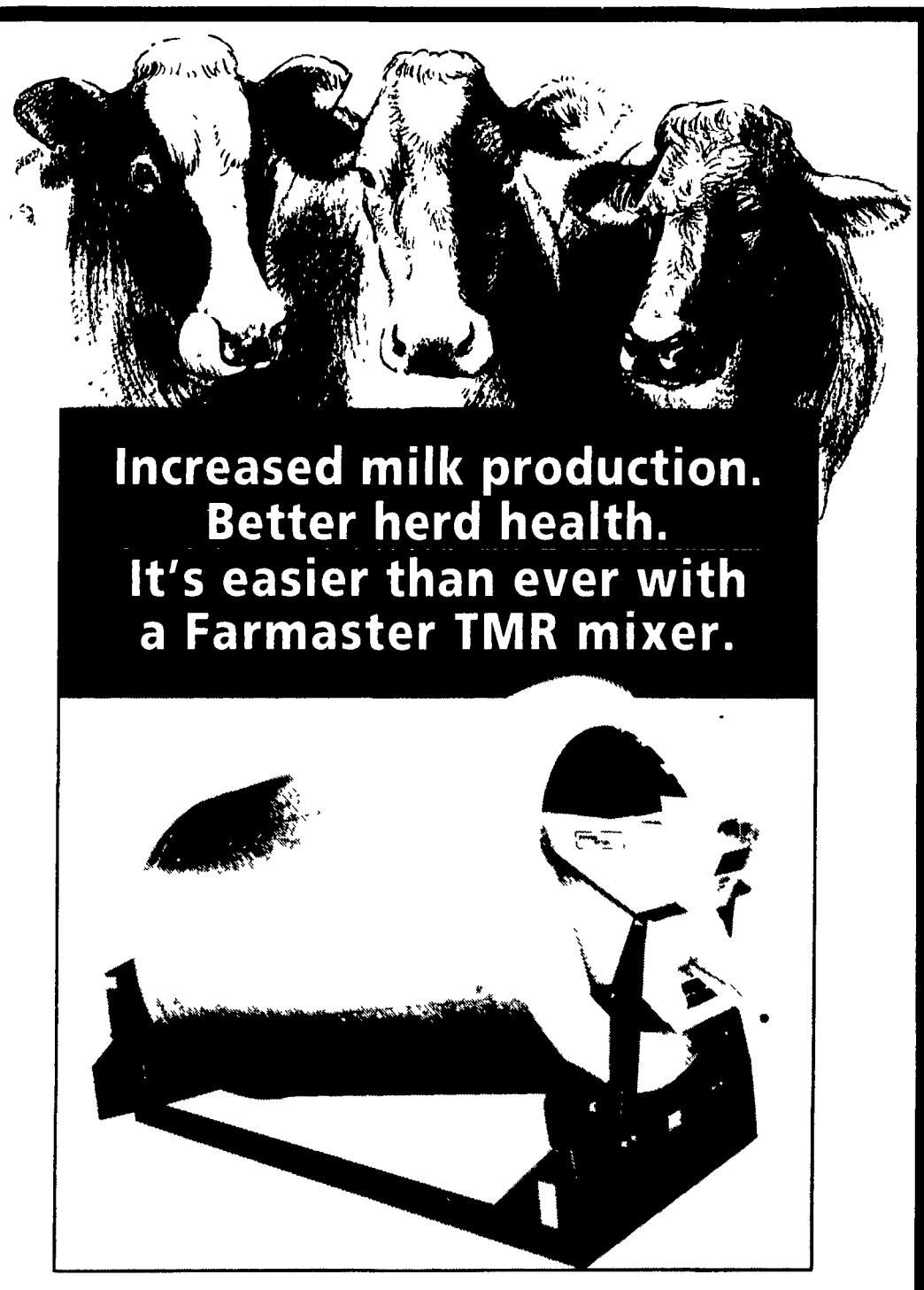
Friday, June 28

Saturday, June 29

Eastern Regional Shorthorn Field Day, Howard Co. Fairgrounds, West Friendship, Md., 8:30 a.m.

Sunday, June 30

Horseman's Introduction To Driving, Rose Hill Manor Park, Frederick, Md., 1 p.m.-4 p.m.



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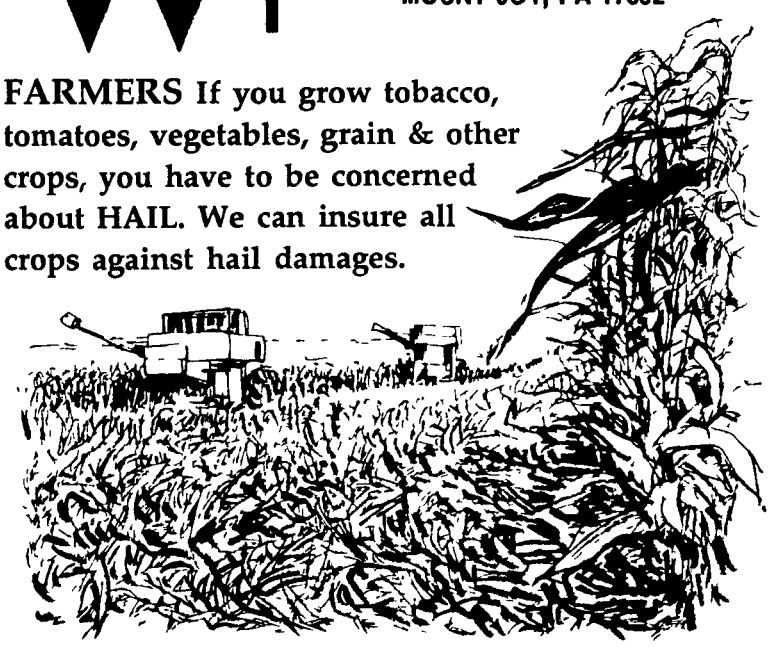

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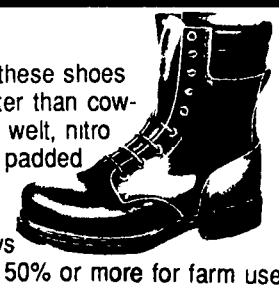

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Forages And Dairying

(Continued from Page A1)

ages, (legume, grasses, small grains), corn silage, and pastures. Various combinations of these forages will detemmine maximum profit. The most profitable combination of forages will be influenced by many factors including environmental concems, climate, land resources, labor, economics, and new technology.

The future dairy industry and dairy farm structure will impact the most profitable forage system. A publication entitled The Northeast Dairy Industrv in 2005 outlines the changes expected in the future including decreased dairy farms, increased cows per farm, decreased cow numbers, and increased output per cow. A few major points from this publication related to the future dairy industry include:

1. The need to improve production and business management skills will become even more important for competitiveness and future survival.

2. Labor availability, quality, and costs will be a major concern and limiting factor on many operations.

3. Although the trends will be toward larger herds, many efficient "smaller" herds of 40 to 70 cows that have a low debt load, sound financial management, and depend primarily on family labor will survive.

4. The "action agenda" for the future of Northeast dairy farming as stated in Northeast Agriculture Toward 2005 is "Use the full potential of high quality, home grown forages through improved drainage systems, soil fertility, improved varieties, timely harvesting, and other preservation methods."

These points imply that grazed forages will have an even more important role on the dairy farm of the future.

WHY PASTURES

There is substantial evidence that improved profitability or the maintenance of profit through the reduction of inputs is a primary factor that influences a farmer's decision to adopt modified or new farming practices. Grazed pasture represents a significant under utilized feed resource, and despite the low cost of grazed forage, its use has declined steadily until recent years. The present renewed interest in pasture has been prompted by a number of factors including the potential to reduce farm input costs, improved fencing technology, and concerns about the environment. However, it is unlikely that significant adoption of this low input technology will occur unless it can be clearly demonstrated to farmers that pasture grazing systems offer a financial advantage, or that legislation introduced to protect the environment substantially increases the cost of waste treatment from confined feeding systems. In addition, procedures to reduce some of the present management constraints to intensive pasture grazing including the lack of grazing management skills and poor quality pastures also need to be developed. Perhaps a most difficult issue to resolve will be farmer "satisfaction" in achieving high per cow productivity. Most farmer's will prefer that current levels of milk production per cow be maintained or increased under a new management regime that includes pasture. Any grazing altemative offered must therefore provide infommation about their likely impact on milk production, the associated feeding programs necessary to maintain high levels of productivity, and the expected marginal revenue.

Many dairyman report improvements in profitability with intensive grazing systems. Reasons cited for improved profitability include decreased feed costs (an average of $149/cow/season on 15 farms surveyed in New York), decreased labor, improved animal health, reduced machinery and equipment costs, decreased bedding costs and manure hauling and reduced veterinary costs. However, many questions and challenges exist with intensive grazing systems related to pasture management (fencing, watering, and shade), agronomic management, grass species, pasture quality and supplementation programs. harvesting excess pasture, and stocking rates, to name a few. This interest in grazing along with the many questions have stimulated a long term commitment to grazing research at Penn State.

It is clear that these issues can be most effectively resolved by a systems approach to research which incorporates the relationships between animal-pasture-dairyman. The Pasture Systems Research Project at Penn State therefore places considerable emphasis on detailing the financial consequences of increased pasture usage and on obtaining farmer view about the limitations to pasture grazing in addition to field trials that define the physical input-output relationships of dairy cow-pasture system.

PENN STATE DAIRY PASTURE SYSTEMS RESEARCH

Three years ago, an internationally recognized New Zealand pasture scientist Dr. Ray Brougham, considered the grazing land in the Northeast to be a vastly underutilized, low cost feed resource. In Brougham's opinion the greatest benefits from improved pasture farming would accrue to farms with less than 100 cows. Over 80% of dairy farms in Pennsylvania fit this category. Pasture management and the integration of pasture into conserved forage systems were identified by Brougham as areas requiring a major research input.

In 1989, we established a Dairy Pasture Systems Research effort at Penn State with a major goal of improving dairy farm profitability through the increased utilization of pasture. Resources (people, facilities, and dollars) from four departments; Dairy and Animal Science, Agronomy, Agricultural Engineering, and Agricultural Economics have been committed to this project. In addition, we have had two visiting scientists and have had excellent cooperation from county extension and SCS personnel. The overall objectives of this pasture systems research are:

1. To evaluate the potential economic contribution of intensively managed grassland to dairy production in the Northeast.

2. To develop recommendations for supplemental feeding programs for profitable milk production using pasture as a primary source of forage.

3. To develop a management infommation systems that integrates pasture utilization, conserved forage, concentrate feeds, and animal perfommance, and which can be used to evaluate profitable management altematives for a whole-farm enterprise.

4. To quantify the on-farm potential of new pasture species and associated grazing systems by integrating research experiments with demonstration trials on selected farms.

5. To organize a farmer-based support system (Grassland Discussion Groups) to encourage the adoption and optimization of intensive pasture systems among Northeast livestock producers seeking to improve the profitability of their farms.

RESEARCH AT PENN STATE

Several studies have been initiated and are in progress addressing these objectives. Some of the specific research studies include:

1. Nutrient utilization and nutritional supplementation of lactating cows grazing a controlled, rotational pasture system.

2. Evaluation of three stocking rates by lactating cows grazing controlled, rotation pasture systems (1990 and 1991).

3. A comparison of grass and clover varieties to identify potential superior genotypes for future establishment.

4. Dairy farmer survey of current pasture use and limitations. The information from these and other studies will be used to develop improved management strategies for grazing systems and to evaluate the economic potential for grazing systems. Ultimately, information will be distributed to dairyman and the dairy industry.

FUTURE

One purpose of this article is to provide a general background to the grazing research being conducted at Penn State with dairy cattle. Watch for future articles to appear on a regular basis that will cover some aspect of grazing related to dairy cattle. In addition, we encourage your phone calls and letters to provide topics for columns in areas of specific interest. Contact:

Dr. Steven Fales (814-865-2192)
Dr. Larry Muller (814-234-3480)
Dr. Marvin Hall (814-863-1019)

USDA Sets 1991 Tobacco Support Rates

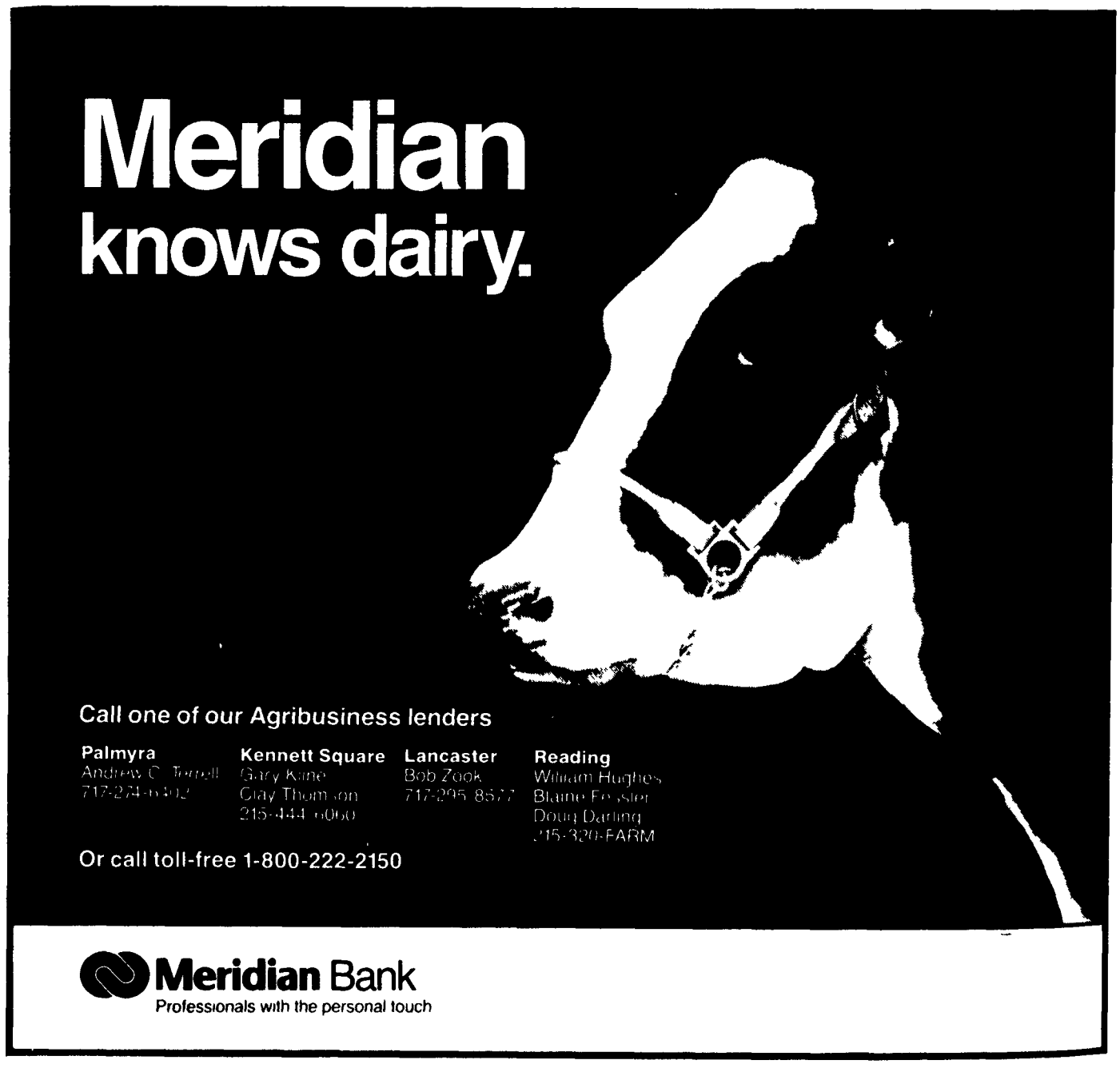
WASHINGTON — The U.S. Department of Agriculture's Commodity Credit Corporation today announced grade loan rates for the 1991 crop of flue-cured tobacco, based on the price support level of $1.528 per pound.

The loan rates range from $1.03 to $1.93 per pound for the 1991 crop. The price support level for the 1990 crop was $1.488 per pound and the loan rates ranged from $1.00 to $1.92 per pound.

The Flue-Cured Tobacco Cooperative Stabilization Corporation will deduct one cent per pound from the grade loan rates for administrative costs.

Loans are not available on flue-cured tobacco identified by a 1991 Tobacco Marketing Card bearing the notation "No Price Support" or "Discount Variety -- No Price Support." For tobacco identified by a 1991 Tobacco Marketing Card bearing the notation "Discount Variety -- Limited Price Support," the applicable rates are one-half of the rates quoted in the schedule, plus fifty cents per hundred pounds. Any grade to which the special factor "sand" or "dirt" is added (denoting a moderate amount of sand or dirt) may be accepted at 90 percent, rounded to the nearest cent of the rate listed in the attached schedule.

Loans are unavailable on tobacco graded P5L, P5F, P5G, N1L, N1GL, N1XL, N1XO, N1PO, NO-G (no grade), N2 (second quality nondescript), W (doubtful keeping order), U (unsound) or scrap. However, marketings of these low grades will be charged against the quotas of the farms on which they were produced.



Grain Breakfast, Rabbit Conference On Tap

ROBERT E. LEIBY
DAVID L. DUNBAR
Lehigh County
Extension Agents

ALLENTOWN (Lehigh Co.) — Grain farmers interested in better selling strategies are invited to a special grain marketing breakfast on Tuesday, June 4, at 8:30 a.m. at The Starlite Restaurant at Fogelsville.

The speakers will be Bill Jeanes and Ted Haas from Cecil County, Maryland. Jeanes is a grain producer and president of the Cecil Grain Marketing Club. Haas is the Cecil County extension director who was key to getting the club started three years ago.

The two will be telling eastern Pennsylvania farmers how they, and others in Cecil County, have improved their selling prices by learning as a club.

Club organization will also be discussed. The Cecil Grain Marketing Club was one of the first to form in Maryland. Its success has helped 13 others form throughout that state.

A grain marketing club is an effective way for farmers to learn all the tools for grain trading.

Jeff Patton, extension marketing agent based in Lehigh County, says the Cecil County group is equipped with a joint options account. They also hear expert speakers, share observations and take the lessons back to their farms to apply individually.

These clubs are not grain pools or mini-cooperatives of producers.

The meeting includes a full breakfast, which is $5. Farmers interested in attending are asked to call the Lehigh County Extension Office at (215) 391-9840 by May 31 (Friday).

The Starlite is immediately south of the interchange of Rt. 22 (I-78) and Rte 100 near Fogelsville.

More Coming Events

Other events coming soon include:

• A Pennsylvania Rabbit Conference - Thursday, June 13, Washingtonville Fairgrounds, Washingtonville, Pennsylvania (Northumberland County). Phone 215-391-9840 to request program/registration information.

• Beekeeping Short Course - June 27, 28, 19, Delaware Valley College, Doylestown. Phone 215-345-1500 to request program/registration information.

Wetland Conversion Restrictions

Mike Macker, county executive director for the Lehigh County Agricultural Stabilization and Conservation Service (ASCS) office, reminded county farmers that conversion of a wetland after Nov. 28, 1990 for production of certain agricultural commodities or annual tilled crops, will mean loss of eligibility for all USDA benefits to which producers would otherwise be entitled, unless the wetland is restored.

Sodbuster and Swampbuster provisions are mandated by the Food Security Act of 1985, as amended by the Food, Agriculture, Conservation and Trade Act of 1990.

Under the 1990 amendments, benefits can be denied for violations under the Agricultural Conservation Program and the Emergency Conservation Program.

Producers should also be aware that, under the regulations, the benefits of Dairy Refund, Dairy Indemnity Payment, Wool and Mohair, and Livestock Feed Programs may be denied if Swampbuster and Sodbuster provisions are violated.

Producers should contact their county ASCS office to obtain more information and to certify compliance with the regulations.

Water Testing

Do you know the quality of the water you drink?

Where does your water come from?

How is your water supply protected from contaminants?

The Federal Safe Drinking Water Act of 1974 and 1986 provides a national framework for preserving and improving public water supplies. The quality of that water is regulated by the states.

However, if you get your drinking water from a private source such as a well, it is your responsibility to monitor the quality of that water.

Testing for possible contaminants on a regular schedule is the only way to be sure your water supply is safe.

If you have an old or shallow well, it is especially important to test your water regularly. Older methods of well construction, and the wells location in relation to septic or livestock facilities on many farms, make older or shallow wells more susceptible to contaminants.

Testing for every possible contaminant is unnecessary and expensive. Private well owners should test yearly for coliform bacteria and nitrate. The presence or absence of bacteria or nitrate often indicates the safety of your water supply.

If you are expecting a baby in your home, you should test for nitrate at the beginning of the pregnancy. You may wish to test again before bringing the baby home, and during the baby's first six months, since infants are especially susceptible to high nitrate levels in water.

Other situations when water testing is important:

• If you make changes in your plumbing or water treatment system.

• Before buying a new house with a well.

• If your well head becomes flooded or submerged.

• Following a chemical spill or leak within 500 feet of your well.

• If your neighbors have found contamination.

Contact your County Cooperative Extension Office or your local health department for information on how to take a water sample. They can provide you with a list of independent laboratories that test water, as well as information on the health hazards posed by contaminated water, what the test reports mean, and appropriate treatment methods that may be required.

Simple Precautions Can Prevent Lyme Disease

Although the threat of Lyme disease has increased in the last few years, you should not be afraid to venture outdoors for warm-weather recreation.

That's the advice of Penn State entomologist Steven Jacobs, who says a few simple precautions will keep you relatively safe from the disease.

Lyme disease is spread by the tiny, eight-legged deer tick. During its life cycle, the tick may be found on a variety of hosts including mice, chipmunks, birds and deer.

While awaiting a suitable host,

(Turn to Page A35)

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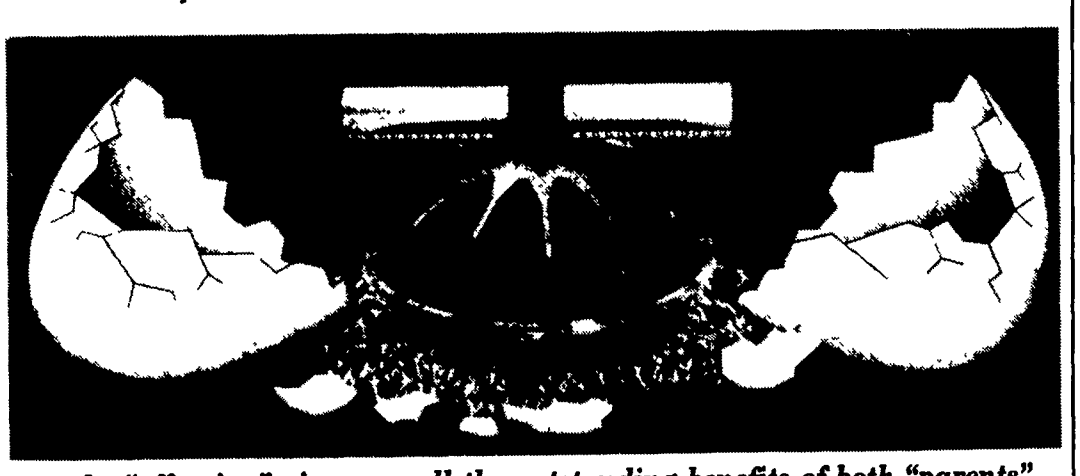

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Area Dairymen Battling

(Continued from Page A1)

That means maximum use of commodity feedstuffs and working closely with their veterinarian to get cows bred back and more quickly settle reproductive problems.

"With fairly favorable beef prices, we can cull two marginal producers and put on one more high-powered milker. We're still upgrading the herd, but trying to maintain production with less numbers, rather than increase pounds," Haberland explains.

That management angle meshes with the original goal of Haberland and his wife Diane, expanding from an initial core of pedigreed individuals to a full herd of top-bred registered Holsteins. While the Haberlands had planned to sell some bred heifers, they now expect to keep most of them in their own herd instead.

To maintain fertility, yet not enhance it beyond crop needs, Haberland has sliced his spring fertilizer imputs by some ten percent. While their heavy soils are not conducive to no-till planting, he strives to limit tillage trips across his acreage. A few acres of rye was available for early forage, followed by a crop of fall triticale. Tested in early May before harvest, protein level on the triticale came in at 23 percent.

Haberland has also planted 25 acres of canola, a oil-seed cash crop that comes off in early June to be followed by soybeans.

"The dairy market can only use so much production," he philosophizes. "I think we're at the bottom of the price, the surplus is starting to shrink, and we still have to go through the typical low production months; that's encouraging to me. I would like to see some kind of regional pricing."

Larry Mummert has taken a slightly different approach to tightening management at the family's Yellow Buttercup farm at East Berlin R1. He cut his herd numbers by about ten percent, but upped average daily individual production by 15 pounds.

"My philosophy is to keep the milk tank full," says Mummert. With an overcrowded barn, he was able to reduce cow numbers, but hold overall poundage with the 148 current milkers.

A believer that some cuts may do more harm than good, Mummert has increased the frequency of vet visits to catch problem cows. He aims at a 50-day breedback, and continues to use top-proven sires on his registered Holsteins.

Mummert watches his feeding program carefully and leans heavily on barley as a major spring feed imput.

"We plant a lot of barley because it gives us some flexibility," the Adams County dairyman figures. "We can use it as forage, or high-moisture, or as a corn grain alternative for summer. That imput cost is a lot less than corn. And, if you get a good crop started in the fall, you're pretty well assured a crop for spring."

Equipment purchases are on hold at Yellow Buttercut, along with a focus to "just improve on all the basic dairy fundamentals and tighten the belt."

"No other industry would stand for the kind of cuts dairy farmers have taken," Mummert asserts. "The government is still trying to maintain a cheap food policy."

Fellow Adams countain Jeff Roche agrees. Roche and his wife, Mary Kay, milk 76 head, Holsteins and a few Jerseys, at their New Oxford farm.

"We're sharpening the pencil even pointier," says Roche of management decisions.

"Biggest focus has been on the biggest cost - feed," adds Mary Kay. "We sat down last December when milk price was coming down and really looked at our feed bill. Then we got programs from four different firms - and eventually changed companies."

Buying commodities might be a next step, they project, along with utilizing plastic ag bags for storage of high moisture feeds.

"We've added some cows," Roche notes "Not because we really wanted to milk more, but it helps cash flow. Actually, our goal is to do the best we can with the least amount of cows."

Steady beef prices have made culling cows more quickly a viable alternative. Roche figures that he has sold two-year-olds not quite up to herd expectations more readily than in years when beef prices were low and milk prices higher. And, while he may have dealt strictly with one or two equipment dealers in the past, this young dairy producer says he now does a lot more comparative shopping.

The Roches began no-till cropping last year and are fine-tuning their nutrient management through the Chesapeake Bay program. An adequate supply of manure has sliced fertilizer needs, holding planting costs considerably.

"I guess instead of taking my wife out once a year - I won't take her out at all," jokes Roche, noting the personal and social limits dairy producers are imposing on themselves in dealing with the milkcheck crunch.

In Perry County, long-time producer Ray McMillan agrees that every dairy farmer he knows is conserving to ride out the low prices.

"I started dairying in 1949, and this is the worst it's ever been," flatly states McMillan. "Other people are saying the same."

"A dollar went a lot farther then," he continues. "Costs have skyrocketed.

McMillan and his two sons are milking 115 Holsteins at their Loysville R1 operation. They have reduced vet visits to once monthly instead of every two weeks and are using up the supply of semen they have on hand.

"We've been culling harder due to the good price of beef, and trying to keep the feed for the better cows. There's plenty of roughage available and we've cut back on feeding grain a little," says McMillan.

Trying to "get along with what we have" and making no equipment purchases are strategies also employed by the McMillans. While he notes having heard of a few farmers selling out, most are "hanging on in hope that things get better."

Chester countian Harold Martin anticipates the price turning in mid-summer, if normal seasonal price and production patterns prove at all dependable.

"We're working off our reserves," Martin states. "For young people, it's just not enough to go around."

Martin and his son Kevin milk 100 head in partnership at their Oxford-area farms. He sums up the apparent anticipation that is keeping dairy farmers going as they wrestle with the constricted cash flow.

"We're just hoping it will get better."

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Dairy
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Grain Breakfast

(Continued from Page A33)

the tick usually is found on leaf litter or low branches in brushy, wooded areas. Jacobs says people should watch out for these ticks, but they shouldn't be afraid to go out and enjoy their parks and outdoor facilities this summer.

Lyme disease can cause a variety of symptoms, including rash, fever, stiff neck, muscle aches and headaches.

Left untreated, victims can suffer facial palsy, arthritis and even paralysis.

The disease can be treated successfully with antibiot[illegible] Forty perce[illegible]eported Lyme disease [illegible]cur in children [illegible]der the age of nine, according to Jacobs.

There are several steps you can take to reduce your risk of coming into contact with a deer tick.

If you are planning to be in an area where ticks might live, Jacobs recommends that you wear light-colored clothing so you can more easily detect the dark-colored tick.

Wear long pants tucked into socks and use tick repellent on your skin and clothes.

Inspecting your clothes and body carefully when you go back inside is a final precaution.

Jacobs also advises pet owners to inspect their animals if they have been in a high-risk area. On dogs and cats, ticks often are found around the face and ears. Many shampoos, sprays and dusts are available to eliminate ticks on pets.

Tick collars are less effective, but are helpful as a repellent.

If you find a tick on a person or animal, remove it by carefully grasping it at the mouthparts with a pair of fine point forceps and firmly pulling it off.

You an minimize the risk of Lyme disease at home by making an inhospitable habitat for ticks and their hosts. Clear as much brush and high grass as possible, remove wood and brush piles where mice and other tick hosts might nest and, if practical, increase the distance from your house to the interface between your yard and woods.

Several pesticides are available to eliminate ticks. Follow label instructions carefully when using chemicals.

How do you find out if deer ticks are prevalent in your area? Jacobs says you can call your local health department and ask whether any cases of Lyme disease have been reported locally.

There are a couple of ways you can check for ticks on your property.

Jacobs recommends "flagging" or "dragging", both of which involve attaching a piece of light-colored cloth to a 40-inch length of broomstick and rubbing it across brush or high grass, checking for ticks every 30 to 45 seconds.

Take any tick you find, dead or alive, to the Penn State Cooperative Extension Office in your county for identification.

Penn State's College of Agriculture offers a video on Lyme disease titled "Outsmarting the Deer Tick". For more information on the video and other Lyme disease topics, contact your county extension office.

30 YEARS AGO
THIS WEEK

-Nestled along the east bank of the Conestoga Creek just south of Millersville is the 120 acre farm operated by Mr. Jay Landis and their three sons.

The farmstead, almost hidden from traffic on Wabank Road, is neat, clean and well care for. Buildings in excellent repair and painted a gleaming white are set off by well trimmed lawns and carefully pruned shrubbery.

As you drive toward the picturesque farmstead, you think this must be a show place where most of the time is spent keeping the grounds in order, but you soon find out this is a real dairy farm.

With corn planted and first cutting of hay made, Jay Landis, president of the Red Rose Dairy Herd Improvement Association, took a breather this week to show us around his barn and grounds. All the work is done by Mr. and Mrs. Landis with an occasional assist from a 17 year-old neighbor student. The three Landis sons are eight, five and two years old.

-Clarence Bauman, president of the Lancaster County chapter as well as the Garden Spot Chapter Future Farmers of America, was named county winner in the statewide Production Credit and National Farm Loan records contest Monday by James C. Fink, state FFA adviser.

The contest is based on the farming program evaluation and is judged on farm finance and production records.

State winner was Larry Herr of South Lebanon High School. The Lancaster District winner was Ronald Buffington of Upper Dauphin school. Bauman, the son of Mr. and Mrs. Ivan Bauman, Lancaster R7 and a student of Lampeter-Strasburg High School, received a $5 award.

-Corn is up on most Lancaster County farms, but the color is poor. Most farmers feel that the light color is due to the cool temperatures and will be overcome with a few days of warm weather. Some fields have been given first cultivations.

Hay and silage making is well under way in the Garden Spot with many farmers, who did not spray alfalfa fields last fall, trying to salvage the crop without spraying.

Fragmentary reports of low temperatures on the mornings of May 30 and 31 indicate possible freeze damage to fruit and vegetable crops in northwestern and north central counties, the Pennsylvania Crop Reporting Service said this week.

Double-crop beans after wheat calls for weed control that only DUAL can give

It takes a special kind of herbicide to control weeds in double-crop beans. One that can wash through stubble and crop residues into the soil. Some herbicides get all tied up in residues. But not Dual.

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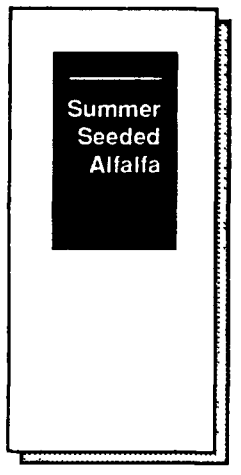

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Agriculture's Image Safe At Hollo-Home Farm

GAIL STROCK
Mifflin Co. Correspondent

BELLEVILLE (Mifflin Co.) — Every once in a while, nature sends us a day that is truly exceptional - one with a deep blue sky, bright warm sunshine, and a cool breeze over all. Mifflin County was blessed with such a day a few weeks ago.

The valleys paused, ever so slightly, to appreciate the corn peeking through and to take a deep breath before plunging ahead again into the first cutting.

On such a day, a drive through any valley is not routine. It's a pleasure to see the clean fields, neatly mowed lawns, and well-kept buildings that belong to farms wherein the owners take great pride. Many are Dairies to Distinction.

And the reasons behind why these farms are immaculate vary. Some reasons are self-serving, while others, thankfully, are not.

Mike and Marlene Smoker of Belleville are the fifth generation of what is now Hollo-Home farm in Big Valley. Their purpose for maintaining a beautiful farm is to present a positive image of agriculture.

"I think the Dairy of Distinction program is a good thing, for the promotion of the image of dairy farming. There are a lot of people watching you any more. We're right here next to the road. Everybody going past looks - you get watched a lot. There's more and more people out walking and riding bikes. It just doesn't hurt to keep things tidy and decent looking," Mike said.

This sign marks the entrance to the Century farm and Dairy of Distinction of Mike and Marlene Smoker of Belleville.

Mike and Marlene's farm became a Dairy of Distinction in 1989, the same year it was recognized as a Century Farm. To earn Century Farm Status by the Pennsylvania Department of Agriculture, the farm must "be owned by the same family for 100 or more consecutive years and a family member must currently live on the farm."

Mike's great-great-grandfather, Jacob N. Yoder, bought the farm in 1880. A painting of the original house, which a hobo painted for his supper, hangs in Mike and Marlene's living room.

The present three-story brick house was built in the 1900s by Jacob N.'s daughter (Mike's great-grandmother) and her husband J.D. Yoder. J.D. Yoder was a preacher at Locust Grove Mennonite Church and, as Mike states, "He raised orphans and milked eight cows in the summer and six through the winter."

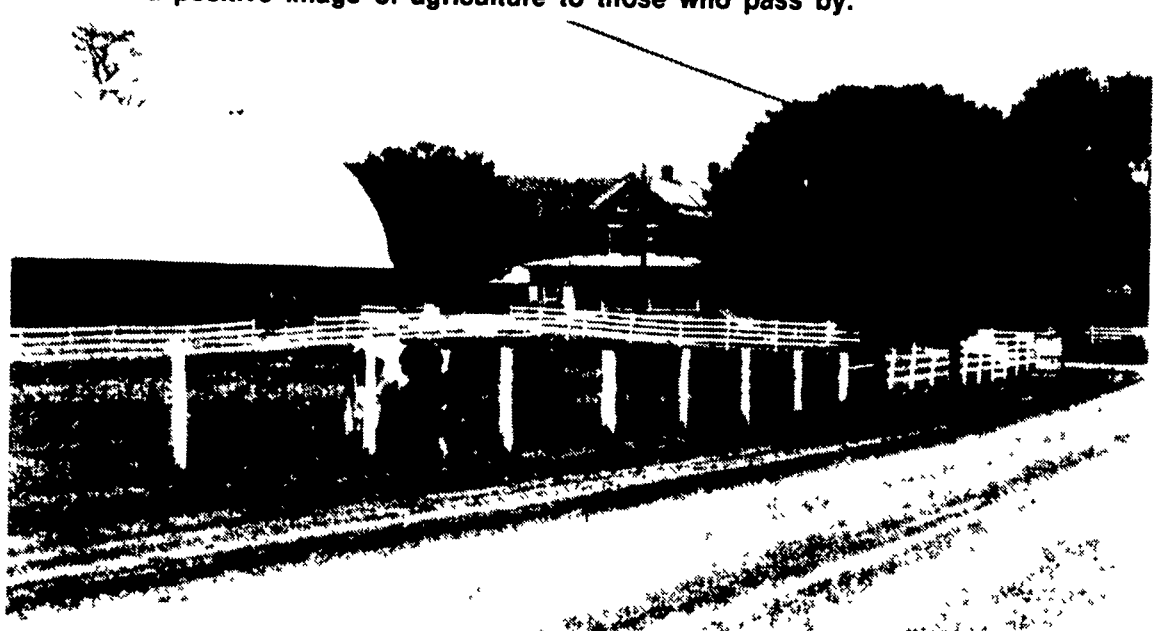
Mike's grandmother married a Smoker from Leola, Lancaster County. The farm was passed down through the daughters until Mike's father, Paul D. Smoker farmed it.

Mike and Marlene milk 65 cows, mostly registered.

"The grades we do have are pretty good milkers," Mike said. "I hate to get rid of them just because they don't have papers."

Their 110-acre farm supports most of the herd, although they do buy 40 to 50 tons of corn each year and some heifer and dry cow hay.

A drive along this rural route is made even more pleasant because of the dedication to maintaining a neat and tidy farm at Hollo-Home Farm. According for Mike and Marlene Smoker, their philosophy, and his parents', is that a well-maintained farm presents a positive image of agriculture to those who pass by.



As a size reference, Mike and Marlene Smoker stand in front of their brick farmhouse that was built in the 1900s by Mike's great-grandparents.

GAIL STROCK
Mifflin Co. Correspondent

Gail Strock, Mifflin County's news correspondent, lives in Belleville on a 27-acre farm with husband Dennis and sons Evan, 7, and Aaron, 3.

After graduating from Penn State with a degree in Agricultural Economics and Rural Sociology, Gail traveled throughout the U.S. and Alberta, Canada, with her husband while he tested prototype combines for Sperry New Holland.

Dennis and Gail have farmed both in Mechanicsburg, with Dennis's parents and brother, and in New York State. Home now is the county she was raised in. Gail enjoys hiking in the mountains, gardening, and being home with her family.

Mike and Marlene Smoker of Belleville are the fifth generation of their family living at Hollo-Home Farm. The natural scenic beauty of the area is augmented with the man-made beauty of the farm's board fences, pastures and flower beds and generations of effort to build and maintain a home and efficient farm.

Mike speaks appreciatively of Marlene and her help.

"Marlene feeds most of the calves. And you can tell too. When Doug (Mike's brother) and I were feeding the calves, we'd just go out there and throw the milk in front of them and when they became big enough to milk, we'd have to put kickers on them. I don't think we even use those kickers now. She pampers them and works with them. She does a good job."

Marlene became Mike's full-time helper after a series of changes through the years. After high school, Mike worked at New Holland in Belleville. His last year there, he farmed with his father.

In 1980, both Mike and his brother Doug quit New Holland to farm together. In 1984, Mike and Marlene farmed on their own. "I just wanted to farm. All three of us boys worked away for a while. I think it's one of the best things to do. You get to see what the other side does. You get away and it makes you want to come back all the more. I worked at New Holland and was helping Dad for a year. Dad decided to retire and Doug came in - that was in 1980. When he left, Marlene became a full-time milker!"

Marlene wasn't raised on a farm. Her hardest job was getting used to the cows. "One would cough and I'd jump!" she said with a laugh. "I really like farming. It's a good place to raise kids."

Mike and Marlene's 16-year-old son, Shawn, who Mike calls his "main man," and 13-year-old daughter, Dana, are both active on the farm and in maintaining a positive image of agriculture. Both show three or four heifers in the 4-H Dairy Club.

"They both went to the State 4-H show last year - with home bred cows. I thought that was nice," Mike said.

So far, Shawn owns five milk cows and Dana owns two.

"We had bought Shawn a cow a few years back. The first year or so he was at the bottom of the class - I pitied the poor kid. So we bought Shawn a cow a few years back and he did real well with her. But the last couple of years, they've been showing some heifers they've raised out of their own cows."

Marlene does her part in the promotion of agriculture by serving on the Dairy Princess Committee. She also works a day a week in the office at the Belleville Livestock Market. Dana is a Dairy Maid. Mike serves to the DHIA Board, the Belleville Store's Agway Board, the Community ASCS Board, and is a member of the Holstein Association.

(Turn to Page A38)

Youth Dairy Clinic Offered

BEDFORD (Bedford Co.) — A two-day youth dairy clinic is being offered in June to all youth with an interest in, or a project in dairy, regardless of breed affiliation.

The event is being held June 14 and June 15 at the Bedford County Fairgrounds in Bedford and is co-sponsored by the Pennsylvania Jr. Guernsey Breeders' Association and the Bedford County Cooperative Extension.

The tentative schedule includes demonstrations, mock auction, dairymen's contest, fitting and showing a calf, sports and swimming, and awards presentations.

The non-profit venture does carry a registration fee of $10. Deadline for mailing the registration form and fee is June 5 (Wednesday).

Other than that:

- All calves will be provided by local breeders, and will be the age of junior to senior calves.
- Participants should bring their own clippers, brushes, wash buckets, show halters, and a change of clothing for the show. White show clothes are preferable, but not necessary.
- Participants will be housed overnight in the Bedford 4-H Center at the fairgrounds.
- Participants should also bring a sack lunch, a sleeping bag, toilet articles, and any sports equipment they wish to use during recreation time (ball gloves, bats, swimwear, etc.).
- Families are encouraged to attend the show and potluck luncheon on Saturday. Bring along a dish to share. Meat and drinks will be provided.

For more information, call Beth Clark at (814) 623-5363, or the Bedford County 4-H Office at (814) 623-4800.

YOUTH DAIRY CLINIC
Tentative Schedule
June 14, 15

FRIDAY, JUNE 14
11 a.m. — Arrival, registration and get aquainted.
Noon — Lunch. Bring a sack lunch. Drinks are provided.
1 p.m. to 4 p.m. — Junior and Intermediate Workshops
-Breaking to lead.
-Showbox and stall preparation.
-Fitting for Show.
-Showing
(Senior Workshops)
-Advanced Clipping and Fitting.
-Hoof Trimming.
-Linear Scoring: planned mating
-Animal Health. Veterinary Medical Center
(All)
4 p.m. — Depart for recreation and dinner.
4:30 p.m. — Swimming, Volleyball and Softball.
5:30 p.m. — Dinner.
6:30 p.m. — Reading Pedigrees
7 p.m. — Mock Auction.
8:30 p.m. — Return to 4-H Building
9 p.m. — Dairy Games, Movies and late night snack
Midnight — Lights Out
SATURDAY, JUNE 15
7 a.m. — Breakfast
7:30 a.m. — Wash animals.
8:30 a.m. — Dairymen's Contest: Topics include meat cuts, feed ID, forage ID, Breed ID, Equipment ID, Judging and Quiz.
10 a.m. — Prepare for show
Noon — Potluck Luncheon.
Adjourn.

YOUTH DAIRY CLINIC
Deadline Wednesday, June 5

NAME _____

ADDRESS _____

_____

AGE _____ ***COUNTY*** _____

4-H _____ ***FFA*** _____ ***PJGBA*** _____

MAKE CHECKS PAYABLE TO: *Pa. Jr. Guernsey Breeders Association*
MAIL TO:
Beth Clark
R.D.2 Box 180
Bedford, Pa., 15522

For myself, my heirs, my executors, and administrators, I hereby waiver and release the Pa. Junior Guernsey Breeders' Association, the Bedford County Extension, and personnel related to this event, from any and all claims, or damages, demands, and actions whatsoever, in any manner, as a result of my participation in this Youth Clinic.

Parent's signature: _____

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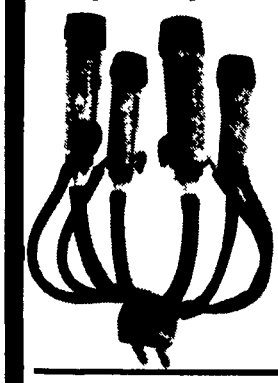

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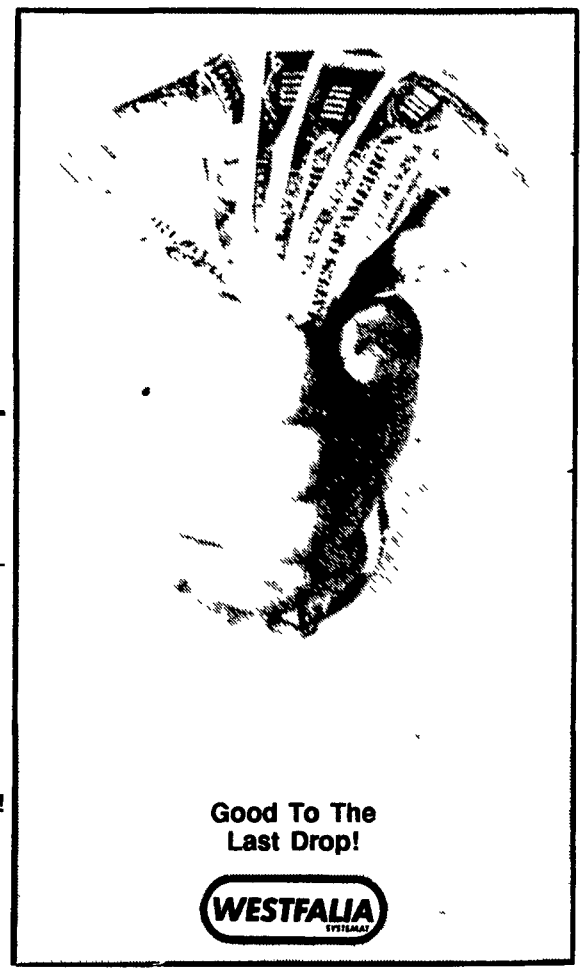

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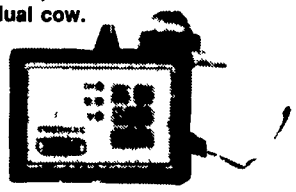

STIMOPLUS C

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JUNE IS Dairy MONTH

We Salute The Dairy Farmers

Hollo-Home Farm

(Continued from Page A36)

Two years ago Mike and Marlene served on the committee for Farm-City Week, participating in a work exchange. A professor from China, working at Penn State, visited their farm.

"He was real interesting. That was the year they were having all that trouble in China. He was afraid to go home because he didn't know what was going to happen. We were showing him around the farm and he just couldn't believe it. When we showed him the silo for high moisture corn, he couldn't believe we stored that much corn for cows.

"Over there, all that goes to feed the people. He couldn't believe how much milk we get out of a cow," Mike said.

Mike and Marlene attend St. John's Lutheran Church. They also try to plan for some vacation time, usually a trip to the shore. Mike's brother Doug fills in at the farm when they're away. Mike adds, "It's good to get away. We don't have to worry about anything when Doug does the work."

Mike and Marlene hope for a future in farming for their children. They plan to help them as much as they can, just as Mike's parents helped them. The Smokers are ever appreciative of the help they received to enable them to farm and to promote a positive image of agriculture. Stated simply by Mike, "I guess you read it in every article and everybody says it - it's a good life."

PA DAIRY PROMOTION PROGRAM
PENNSYLVANIA DAIRY
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Stress, Fatigue and Depression

Tired of being tired, tired of always being sick, tired of aches and pain, tired of worrying about your health for the future? Call and learn what we have learned at Narvon Valley Farm. There is relief available: a liquid mineral and herbal balanced formula from Canada.

Call and let me share concrete results with you.

Contact: Robert W. Campbell
6148 Mast Road, Narvon, PA 17555
(717) 355-9262
the barn (717) 355-9263

• PUBLIC SALE •

Mechanic Hand & Floor Model Tools
M.F. 50A Diesel Tractor Backhoe Unit
Ford 8N Tractor - Railroad Antiques - Tools

Saturday, June 15, 1991
9:00 AM (All Day)

Sale held on site formerly truck garage, 6 miles West of Lancaster City, PA on Donnerville Road, ½ mile South of Route 30 exit. At Centerville Road go South 1st light right to Donnerville Road left.

Tractors and Equipment

Massey Ferguson 50 diesel industrial tractor with Massey Ferguson 50A front end loader and backhoe, tractor has cab, good rubber, in good condition; Ford 8N tractor in excellent running condition, has 3 pt, P.T.O., good rubber; 3 pt. scraper blade; 3 pt. 2 bottom plow; 3 pt. harrow; pull type disc harrow; spring tooth harrow.

Truck Tools - Equipment - Inventory

Loadstar electric chain hoist; Delwatt arm saw with stand and switch; 2 large drill presses; hydraulic barrel mover; mechanic's tool box; 3 heavy tool boxes; Central 5 speed H.D. drill press; 2 platform scales; ladder; shingle winch with Briggs engine; lot of pipe fittings; bolts; hand tools; large vise; 5 smaller vises; anvil; 60 hole bolt bin, stocked; 4 steel work benches; large metal bolt bins; 2 electric disc sanders; large compressor; 6 rear end oilers; grease guns; pressure grease guns; 4 bolt cutters; 40 heavy trailer tarps; 4 bag wagons; 4 wheelbarrows; stone and dirt power tamper with Kohler engine; acetylene torch set; 3 fuel tanks with pumps; free standing shelving; 6 barrel pumps; new Dodge step bumper; large axle oiler; large Briggs engine; approximately 100 utility carts; barrel of washers; pipe rack; trailer hitch; cast iron sewage pipe cutter; welding table; 2 heavy duty bench grinders; heavy C clamps; 2 large metal tool boxes; electric motors; 50 truck tires; high pressure washer, needs pump; cement mixer; circulating fans; 3 - 16' iron yard fence; tractor chains; 17 ton jack; 2 metal fence dog kennels; many many items not listed - we will be all day on this one.

Antiques - Railroad Tools - Etc.

3 car movers; spike puller; rail anchor; track walker; wrench; axle oiler; 2 iron kettles; iron oven front; rail splitter; 2 small iron kettles; metal drawers.

Owner:
James G. Greenawalt, Sr.

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Petersheim Auctioneers

Food On Premises

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JUNE

TUES JUN. 4 - 5 30PM, Complete Used Inventory Liquidation Auction, located Railroad Ave , Alexander, NY, Goodridge Farm Supply, Roy Teitsworth, Inc , Aucts

WED JUN 5 - 4PM, Tractors, Mowers, Milling Machine, Tools, etc , located at Stahl's Sale Gallery, Mifflinburg, PA, Earl W Weaver, Auct

FRI JUN 7 - 5 30PM, Sportsmen's Auction-Traps, Guns, Knives, Collectibles, Misc Goods, located new Bloomfield VFW, Perry Co , PA, Steven P Negley and Michael Zeck, Aucts

PUBLIC SALE

OF LOTS OF TOOLS, POWER SHOP & HAND TOOLS - AIR COMPRESSORS, ANTIQUE TOOLS, ELECTRICAL & PLUMBING TOOLS & SUPPLIES, AUTO TOOLS & SUPPLIES, SNOW BLOWER-GARDEN TOOLS

FRIDAY, JUNE 14, 1991
AT 10:00 A.M.
ALSO
SATURDAY, JUNE 15, 1991
AT 10:00 A.M.
Loc. 1310 Rose Avenue, Manheim Twp., Lancaster Co., PA.
(Dir.: Take Rt. 501 North Of Lancaster To Golden Triangle & Turn Right Onto Pleasure Road. Then Turn Right Onto Rose Avenue To Sale.)

To Be Sold Friday, June 14: Variety Of Hand & Garden Tools, Variety Of Hardware, Some Elec. & Plumbing Supplies, All Scrap Iron & Copper.

To Be Sold Saturday, June 15: Power Shop & Hand Tools, Variety Of Plumbing, Elec. & Refrigeration Tools & Supplies, Lumber, Misc. Hardware.

Sale By:
R. GIRVIN HERR ESTATE
Bruce P. Ryder, Atty.
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food Served

Public Auction

Real Estate & Personal Property

Sat., June 29, 1991
Personal Property At: 10:00 A.M.
Real Estate At: 1:00 P.M.

Location: 42 Steel Ave., Westwood, Coatesville, PA. Take Rt. 372 East to Steel Ave., Westwood or off Rt. 82 take 372 West to Steel Ave., and follow to sale.

Real Estate Consists Of: A 2 Story Masonary Structure Stucco With Front & Back Porch Rests On 40x100 Lot More Or Less. Valley Twp., Chester County, PA. Serviced By (Like New) Forced Hot Air Furnace & Gas Hot Water Heater, Well On Site & Public Sewer.

First Floor: Living Room, Dining Room & Den All With Hardwood Flooring; Kitchen & Full Bath. Second Floor: 3 Bedrooms, Full Cement Basement With Outside Entrance. Shingled Roof Good Condition With Rear Black Top Drive.

Inspection Of Property By Appointment Only. Call (215) 383-1418 Or (215) 857-3942 After 6:00 P.M. 10% Deposit Day Of Sale. Cash Or Certified Check. 60 Day Settlement On Or Before.

Sale By:
Cora Townsley
P.O.A.: Jesse L. Townsley
Attorney: Norman Pine

Kenneth Griest & John Stoltzfus, Auctioneers
Lic. #AU-001270-L
Lic. #AU-001728-L
Personal Property Listing At A Later Date.

Will Be Sold At New Holland Sales Stables
Feeder Pig Sale
Wed., June 5, 1991

1:30 P.M.

- **12 Purebred Hampshire Boars - most registered**
- **10 - 40 pound registered Hampshire gilts - excellent gilts to produce York/Ham F. gilts**
- **Herd Health**
  - **PRV qualified herd #130**
  - **Brucellosis qualified herd #231**
  - **Routine vaccinations for Lepto, Parvo Rhinitis, and Grysipelas**
  - **Ivomec and spray for mange**
- **These are top quality rugged boars that have been raised on concrete and conditioned on dirt. Very aggressive**

Guaranteed Breeders, Scan Figures by Real Time Scan Service. Boars 6-8 months old.

- If someone wants more info, can contact me at:

Four Oaks Farm
Lee Bixler & Family
451 Latimore Creek Road
York Springs, PA 17372

100 PIECE ABSOLUTE ESTATE FIREARMS AUCTION

By order of Miners & Mechanics Bank, Trust Dept., we will sell the entire collection of George Leukovitz, Probate No. 84-E-653 at our Auction Center 3 Miles SE of Carrollton, Ohio on SR 43 to Canyon Rd. - turn S 1 Mile.

SATURDAY EVE.,
JUNE 15 — 6:00 PM

Win Mod 21 w/2 bbls, Grand American, Engraved by W. Kolough; Win Mod 21, 12 ga Skeet; Win Mod 12, 12 ga Super Pidgeon; (2) Win Mod 12, 20 ga, Super Pidgeon, Gold Inlays, Engraved by Kolough, Matched Set. Several Other Mod 12's; Win Mod 42, 410; Win 101, 12 ga Single Trap; Win 70 Super Grade, 300 Weatherby Mag; (2) Brng 12 ga, Pidgeon Grade; Brng Lightning Grade 1, 12 ga Skeet; (2) Brng Pointer Grade, 12 ga o/u; Brng Midas Grade 12 ga; Brng Diana Grade 12 ga, engraved by Dovin; Brng Sweet 16 (Unfired); Ithaca Sousa Grade 12 ga (1908-21), Cased, Inlaid gold, Ithaca Grade 6, 12 ga (1 of 16); Ithaca Grade 6, 12 ga, Bird's Eye Maple Wood; Ithaca Grade 5, 32" Trap, Engraved by McGraw; Ithaca Grade 4, 12 ga; (2) Ithaca Grade 4 w/5 Wood, 16 yd bbls; (2) Perazzi 12 ga, 32" Trap; Perazzi Mirage 30" 12 ga Trap; Ithaca 12 ga, 32" Trap w/Gold Setter & Duck by McGraw; Francotte Grade 18, 12 ga Lightweight; Barne Grade 22, 16 ga Highly Engraved; (2) Ljutic Mono Guns, 12 ga; Parker GHE 16 Ga; Parker 12 ga Trap, Grade C; (4) Remington 3200 (1 of 1000), Cased; Rem 3200, 12 ga Skeet (1 of 1000); Rem 3200 Standard 12 ga Skeet; Rem 870 Matched Sets of 28 ga, 410 ga Skeet & Trap; Also Rem 1100 Matched Sets in Trap & Skeet; Rem 11-48 in 12 ga & 410 Skeet; Rem 32, 12 ga Trap, Gold Inlays; Rem 32 Cased 4 bbl Set, Engraved; Rem 870, 12 ga; LC Smith 12 ga Skeet, Miller Trigger; LC Smith 12 ga, Specialty Grade; Savage 99, 300 Sav; Colt SA, 38-40, 1st Edition, Blk Pwdr Frame, (CIRA 1896), Highly Engraved; Walther KKJHO 22 Hornet. 30 other gus of equal quality but lesser value in this collection. All info contained herein believed accurate from insurance inventory records, but is not guaranteed.

Call for Info.
Motels: Knight's Inn, Canton, 216-492-5030; Atwood Lodge, 1-800-362-6406; Godfrey's Bed & Breakfast, 216-627-7900.

TERMS: Cash, Cashier's Check, Traveler's Checks only, unless known to our company.

NO BUYER'S PREMIUM

Larry W. Garner Realty & Auctioneers
332 S. Lisbon, PO Box 323
Carrolton, Ohio 44615
216-627-5573
1-800-452-8452

Wholesale Produce Auction Opens June 7

CHELTENHAM, Md. — Wholesale produce auctions at the Southern Maryland Regional Farmers' Market (SMRFM) will open for the season on Friday, June 7, according to Marketmaster Bruce Bagley.

Sales will begin at 11:30 a.m. and be held on a Friday-only basis until produce volume increases, at which time it will open on a Monday, Wednesday, and Friday basis at 11:30 a.m.

Opened in 1989, the market runs from June through October and draws about 250 growers/farmers each season from the greater Maryland region and about as many buyers each season. More than 150 different produce and plant material items come across the auction block each season.

Buyers and sellers interested in more information should contact Bagley at (800) 533-3276 (in Maryland only) or (301) 372-1066.

The market is located on U.S. Route 301 south about eight miles south of. Upper Marlboro and Route 4 and about four miles north of U.S. Route 301 and Maryland Route 5. It is adjacent to the Maryland Veteran's Cemetery at Cheltenham.

Duncan Joins DHIA Board

UNIVERSITY PARK (Centre Co.) — Donald Duncan of Robesonia, has joined the 18-member board of directors of PA DHIA as an elected representative from the southeast district.

Don is a strong advocate of PA DHIA and its programs. He has been a member since beginning farming in 1954 and is currently serving as chairman of the Berks County DHIA Advisory Committee.

Don and his wife, Anne, have six children and Don Jr., is first assistant on their 130-acre, 112-cow operation known as Ardounie Dairy. They also rent an additional 400 acres in southwestern Berks County.

Donald Duncan

Don is an active dairy industry leader, serving on the executive board of RCMA, the MAMMA Milk Promotion Board, the board of directors of the Northeast Sales Division of Sire Power, and is a member of the Grange and Pennsylvania Farmers Association (PFA).

"PA DHIA is headed in the right direction with the reorganization effort and a strong board is essential for smoothing out the transition problems that are sure to arise," Duncan said.

"I'm convinced that the membership must be kept informed as changes take place. The key to success is recognizing the needs of our members and working to meet those needs."

JUNE IS Dairy MONTH

EMHERR SALUTES THE DAIRY FARM FAMILIES!
IN APPRECIATION WE OFFER THESE
JUNE DAIRY MONTH SPECIALS:

SALE GOOD THRU JUNE 15

SAVE ON HERD HEALTH PRODUCTS AT EM HERR!
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ATGARD
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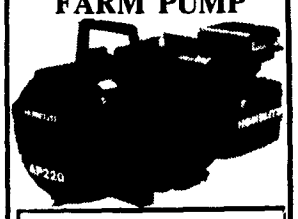
ANCHOR.

IOMELITE 3 HP, 2" FARM PUMP'



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- Corrosion Resistant
- Ideal For Clear Water Use, Farm Chemicals, Fertilizer Or Herbicide Transfer

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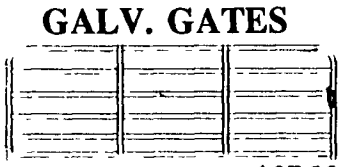
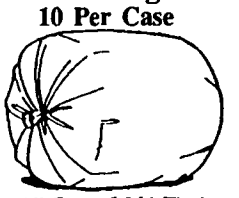
1⅝" GALV. GATES



4' 6 bar 1⅝" Galv.	$27.99
6' 6 bar 1⅝" Galv.	$32.99
8' 6 bar 1⅝" Galv.	$39.99
10' 6 bar 1⅝" Galv.	$43.99
12' 6 bar 1⅝" Galv.	$49.99
14' 6 bar 1⅝" Galv.	$58.99
16' 6 bar 1⅝" Galv.	$63.99
18' 6 bar 1⅝" Galv.	$72.99

Agri-Tuf™ Hay Bale Bags
10 Per Case



All Bags .5 Mil Thick
- "A" 53" Dia. x 126"
  1-9 Cases $38.75 ea.
  10 Or More. $36.80 ea.
- "C" 66" Dia. x 150"
  1-9 Cases $57.80 ea.
  10 Or More $54.90 ea.

APACHE FLY BAIT

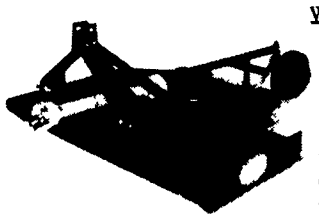
1 Lb. - $4.99
5 Lb. - $19.89

APACHE BAIT STATION
With 10 Oz. Bait - $7.99

VAPONA FLY SPRAY

1 Gal.	2½ Gal.
$6.99	$14.99

HOWSE ROTARY MOWER 3 PT.



Width	Model	Type	SALE
4'	#400	3 pt. Cutter	$479.00
5'	#500	3 pt Cutter	$499.00
6'	#600S	3 pt. Cutter	$689.00
5'	#M 60	3 pt HD Cutter	$559.00
6'	#600	3 pt HD Cutter	$769.00
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7'	#7000	3 pt HD Cutter	$1,199.00

VENTILATION HEADQUARTERS

Dayton BELT DRIVE FANS

Model 3C615

Fan: 36" blade dia galvanized frame and blade

Motor: 1/2 HP, 1725 RPM, 115/230V TENV enclosure, ball bearing, split phase, automatic thermal protection, rigid mounting base

36", with ½ H.P. Galvanized
Reg. $329.00 $219.99
48" With 1 H.P.
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Performance

MODEL NO.	CERTIFIED CFM LICENSED BY AMCA(*) 0.0" SP	0.05" SP	0.10" SP	0.125" SP	0.15" SP	0.20" SP	0.25" SP	FAN RPM	MAX FAN BHP(t)	SHPG WT
3C615	11,300	10,750	10,200	9900	9500	8750	7750	510	0.63	108.0

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#1 Running Gear In The Industry!

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5 Ton Gear w/Std. Tongue, 5.00x15....$449.99
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MUSTANG 9000' BALER TWINE

$21.99 Each
20 Or More Bales
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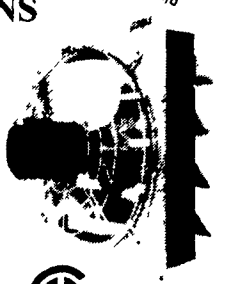
PLEASANTAIRE STANDARD FANS



- MOTOR - Totally enclosed ball bearing with thermal overload protection Single-speed, two-speed or variable-speed
- FAN BLADE - Heavy gauge aluminum, well balanced Sizes 10", 12", 16", 18", 20", 24"
- HOUSING BOX - Rugged steel welded construction with durable baked enamel finish
- MOTOR MOUNT - Heavy welded steel rod
- SHUTTER Aluminum louvers supported by long life nylon bearings

12"-Single	$149.99	Variable	$189.99
14"-Single	$159.99	Variable	Not Available
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24"-Single	$219.99	Variable	$289.90

Manufactured By TAFCO

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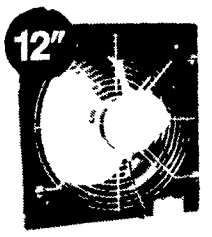

12"-Single	$79.99
Variable	$99.99
16"-Single	$115.99
Variable	$139.99
20"-Single	$139.99
Variable	$159.99
24"-Single	$189.99
Variable	$219.99

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SALE $59.99

MILK REPLACER
24/10/1
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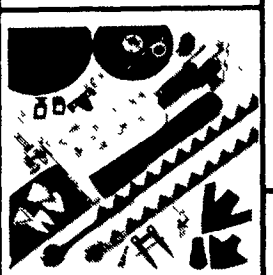
FILTERITE WATER FILTERS
$1.99 Ea.
Case of 30
$53.70



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Dayton With Totally Enclosed Motor, Grill, Switch & Plug

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THE MILK FILTER THAT PERFORMS

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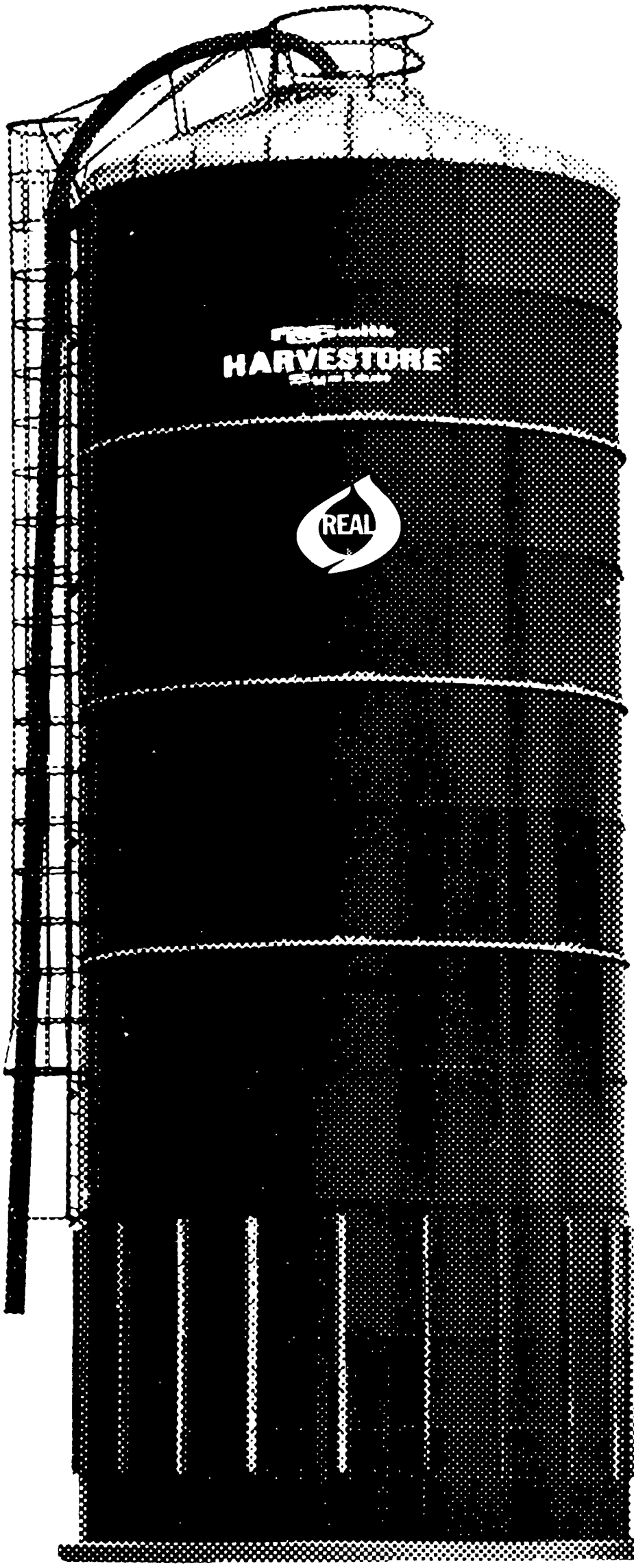

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11L15 8 Ply TT	$53.95
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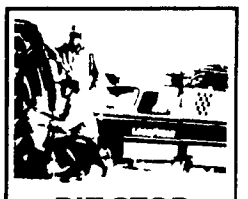
12L15 12 Ply TL	$89.95



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- Revolutionary 3-lug per pitch design improves traction and ride
- Computer designed "natural" shape casing improves tire body life
- Radial construction provides better traction, lower fuel and overall costs

15.9R38 ★	$429.00
16.9R38 ★	$539.95
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The Hard-Working, Hard-Pulling Tractor Rear

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112-28 4 Ply	$169.95
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184-34 6 Ply	$409.95
184-38 8 Ply	$449.95
208-38 8 Ply	$619.00

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction
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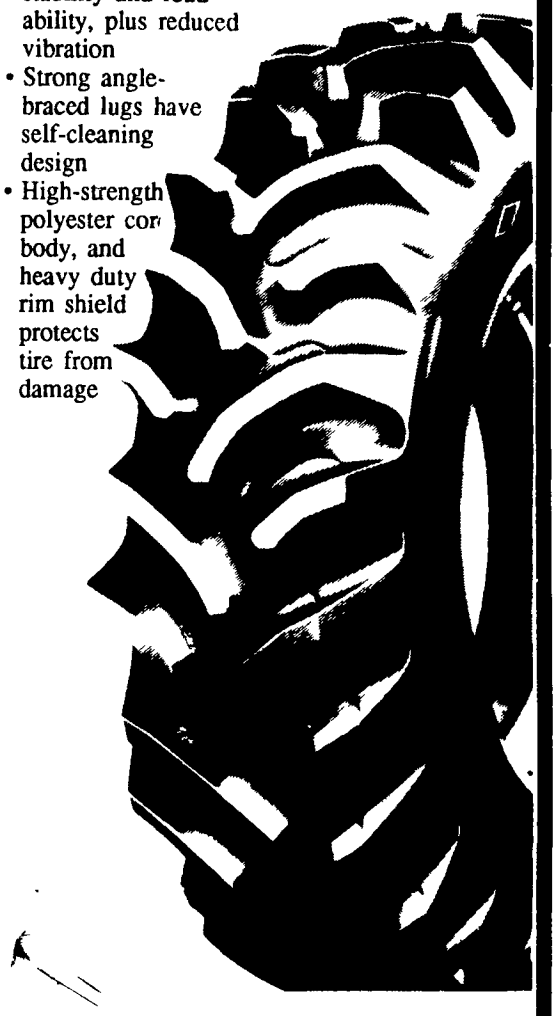

DYNA TORQUE RADIAL NO RISK OFFER

Buy a pair of Dyna Torque radials now. If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference.

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Colledge Tire 735 W Cypress St. Kennett Square, PA 215-444-5030	**Goodyear Service Store** 20-24 Denison Parkway East Corning, NY 14830 607-936-8021	**Goodyear Auto Service Center** 260 W. Hamilton Ave. State College, PA 814-238-4955	GOODYEAR	**Shueys Sales & Service** Jonestown Road Ono, PA 717-865-4915	**Donald B. Rice Tire Co.** 909 East St. Frederick, MD 21701 1/800-950-0550	**Umbergers of Fontana** RD #4 Lebanon, PA 717-867-5161	**BHM Farm Equipment** RD 1 Rt. 934 North Annville, PA 717-867-2211

Strawberry Social Provides Funds For Upkeep Of Historical Church

LYNN ROSSI
Special to Lancaster Farming

LITITZ (Lancaster Co.) — Imagine yourself on the top of a high hill overlooking a beautiful, fertile valley. It's late afternoon, clear blue sky overhead, a gentle breeze, the sounds of quiet conversations of contented people and happy children . . . and you have just the right imagery of the Strawberry Social at Old Zion Church.

And don't forget the large plate of cake, ice cream, real whipped cream and Lancaster County luscious strawberries, accompanied by a cup of cool spearmint tea.

And to keep such fare nutritionally sound, as well as mighty tasty, there's homemade chicken corn soup. Not with canned corn, mind you; corn that was picked last August and frozen at its peak flavor.

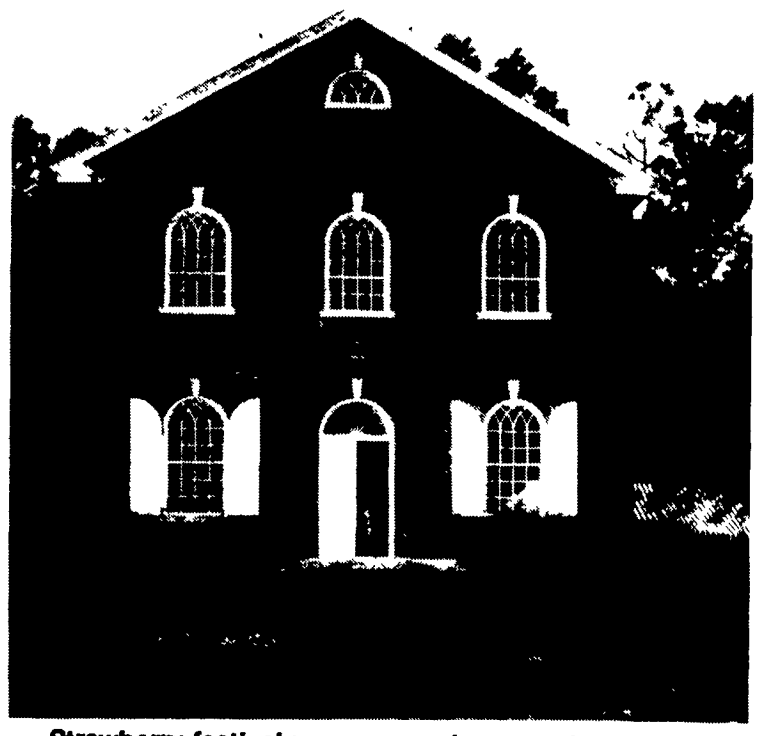
This affair, scheduled for June 8, from 4 to 7 p.m., follows the tradition that was begun in 1979 as a fundraiser for the historical church that is just a hop, skip, and a jump off busy 501 North on the way to Brickerville. The 1813 church has remained virtually unchanged for 200 years.

Because this edifice isn't along any well-traveled thoroughfare and since a congregation no longer meets there, this classic example of colonial architecture has gone unnoticed even by Lancaster County history buffs.

People who have been there admit there's a lot to admire. Although the building is not as isolated as it was 10 years ago, it enjoys a stately location at the top of a hill overlooking a cememtery

(Turn to Page B28)

Elisa Eshelman enjoys the strawberry dessert that is served at the annual strawberry social held in June.



Strawberry-festival goers may enjoy more than strawberries and chicken corn soup. They may also tour the Old Zion Church, a historical treasure.

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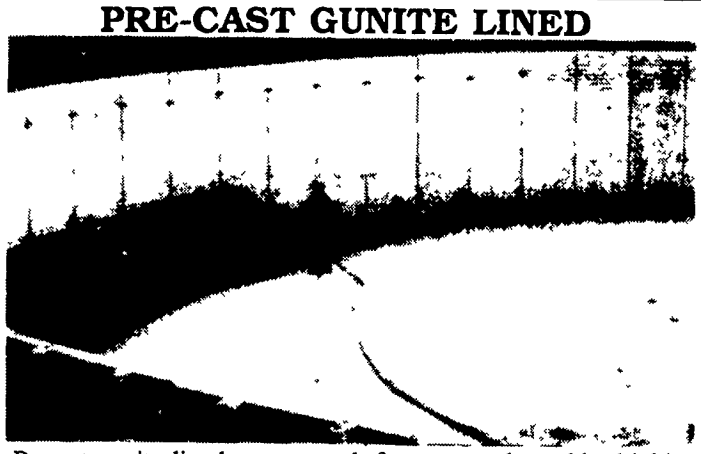

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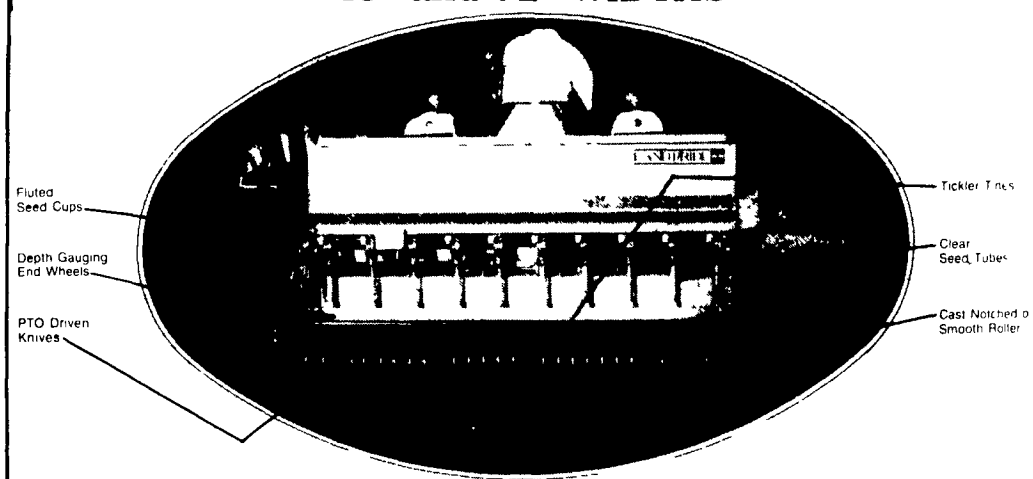

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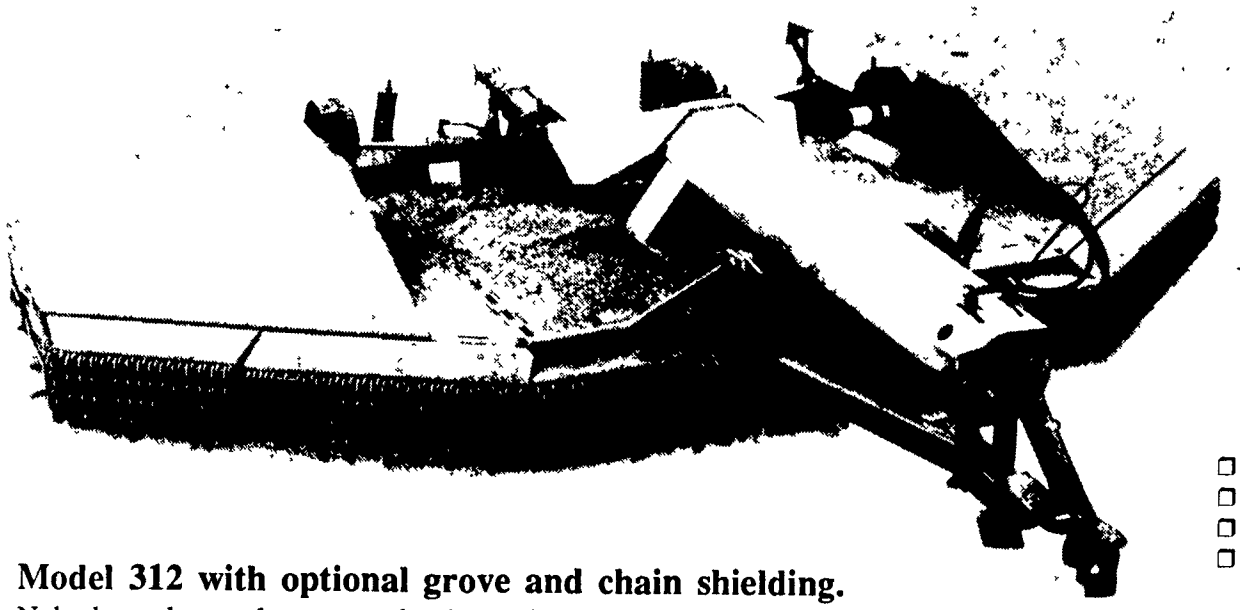

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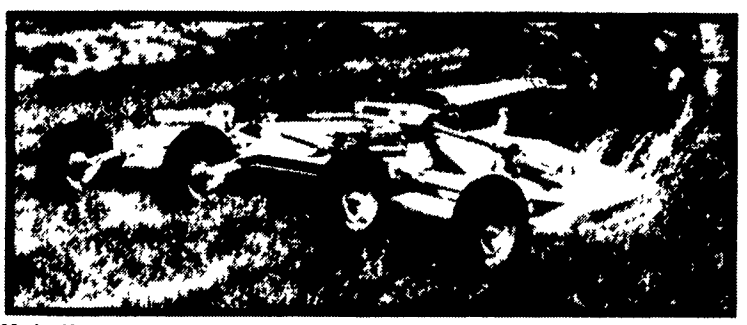

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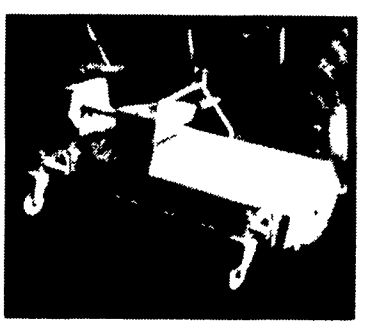

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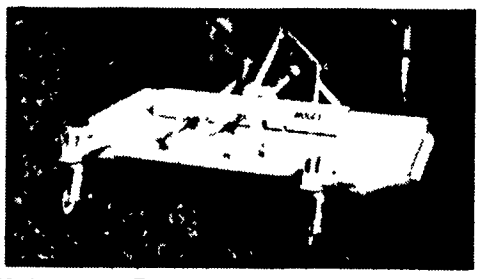

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Maryland Family Copes With Milk Price Reductions

GAY N. BROWNLEE
Somerset Co. Correspondent

BITTINGER, MD — With four children under nine years of age, Ron and Beth Brenneman are learning how to structure family life according to the declining numbers on the monthly milk check from their dairy herd. They have cut back on their grocery budget. As much as possible, mechanical repairs are made without professional assistance.

This husband and wife team rises at 5:30 a.m. to start milking the 60 head dairy herd of Holstein cattle. Beth helps until it is time to wake the children for school. Then she feeds, dresses, and sees them off on the school bus, before she returns to the barn to help Ron finish the final chores for the morning. All this is done before Beth gets her own breakfast.

This routine is repeated in the evening. They have no hired hand besides themselves, so there is no time left to get away any day of the week. To consider a real vacation is even less likely. As Ron puts it, "We don't go anywhere but right in this county."

Ron says the current milk check plunge reflects a gross price reduction of $3,000 per month and steadily falling. Oddly, he says the present trend follows a year of the best prices he's received since he has been operating his own dairy.

"It's to the place where I have to sell cows to pay the bills," he says. "I figure I'm losing my assets." He expresses great concern about the costs of spring planting if the trend continues. "The situation is causing a serious cash-flow problem," he says.

Beth says she is now filling out job applications, something she thought she would never do. She says it has been 10 years since she held a public job as a secretary in a medical office.

The third of nine children, Ron was raised on the farm that he and Beth presently own. He is the only son among the six boys using farming for his livelihood. Beth, a native of Johnstown, Cambria County, had no former connection with farming until she met Ron at a Garrett County tourist resort where her folks owned a vacation home.

In addition to his own 70 acres, Ron says he rents three small farms which add 80 more acres. He raises corn and hay for silage. He feels that the farmers who aren't facing mortgage payments can probably hang in during the current milk price crunch much better than those who have them.

After the children are home from school, the family supper is eaten before the evening milking chores are started. Then the two oldest children, Jackie, nine, and Ryan, eight, help with the barn chores by feeding and watering the animals. Jolene is six. She says she doesn't like the barn work. She and Jordan, five, mostly stay inside. However she can help to load the dishwasher for her mother.

Beth says that Friday nights for the children are special. They are permitted extra privileges such as staying up later and watching favorite television shows. For the entire family, Friday evenings are laid back hours with no rush in them.

When they have finished their chores, Jackie and Ryan also return to the house where Jackie keeps an eye on her younger siblings. Taking this adult responsibility quite seriously, she states with an air, born of one who has patiently endured, "Those kids, you can't turn your back on them!"

Young Jordan is both proud and excited that he can contribute to the chores. With laughing, sparkling brown eyes, he yells, before tearing off to grab a young calf, "We have to give silage to the big heifers."

Ryan is already developing a very muscular frame for his youth. Impishly, he declares his dad's age is 34 years. Ron just grins and says dryly, "Yeah, in a couple of more years, I'll be all grown up."

There is a prolific feline population on the Brenneman farm. One feels it's like looking into a reflecting mirror. Cats lounge in the yard, on the steps, on the porch, and in the barn. There shouldn't be a rodent within 50 miles of the place.

Says the adaptable Beth, who manages to appear neat and attractive in her barn clothes, "It isn't bad." She is cleaning the cow's teats before attaching the black rubber suction cups of the milking machine to draw out the milk from the bulging udder. From their recessed area between the two sides of stanchions, she and Ron move from standion to stanchion clanging open the orange bars for entering and exiting cows.

They talk about how slow the job went last summer before they increased the capacity of the milking parlor to eight stalls from three. Milking time has gone from five hours to three. A 900-gallon stainless steel tank is emptied of milk on alternate days when it is shipped to the Mid-Atlantic division of Dairymen.

Because of the stringent belt tightening this young farm couple say they are getting discouraged. Beth says that Ron is adding more soybean to the grain and finding ways to use more forage for feeding. She says he is using the Dairy Ration computer guide in feeding individual cows.

Ron says that another method of cost-cutting he is using is to select, for breeding purposes, a sire of less choice pedigree for artificial insemination. As a user of 100 percent AI, he says this selection takes a lot of consideration. The documented scientific data about both male and female must be studied. Selecting the right bull to impregnate a cow is a very scientific decision. Sometimes what should seem a natural sequence of events with animal breeding simply doesn't happen when it is left to animal instincts.

As the Bittinger family do what they can to live frugally, they hope that future prices will soon reflect better times ahead.

Ron and Beth Brenneman begin milking chores at 5:30 a.m.

Jolene would rather sit in her dad's lap than help with the barn chores.

Nine-year-old Jackie feeds the calves.

The two brothers, Ryan and Jordan, help with the feeding chores.

Homestead Notes

MICROWAVE MINUTES

By JOYCE BATTCHER

Homemade toppings are wonderful on ice cream all year round, but are especially good for cool summertime eating. They're also great for summertime cooking, because they're quick and easy to make when you microwave them.

What a difference a microwave oven makes! Do you remember how long it used to take to make these kinds of sauces conventionally? Melting chocolate chips in the top of a double boiler took what seemed like hours, while carmelizing sweetened condensed milk in a 425° F oven or double boiler took at least an hour and a half. Or, do you remember the slightly scorched taste that sauces had when you tried to speed up cooking? And remember the constant stirring and attention needed to make a perfect berry sauce?

Two of today's recipes are made almost instantly. The other two are very fast to put together and cook. And, they all reheat in seconds in your microwave.

Easiest Fudge Sauce is super simple. It's just a matter of melting chocolate chips with cream. Don't microwave too long and do stir at times indicated to melt the chips.

Quick Peanut Butter Ice Cream Topping, adapted from "Spread the News," the official newsletter of the Peanut Butter Lovers Fan Club, is also simple to make. Microwave and stir at times indicated to keep the sauce smooth. Beat well if the sauce starts to separate.

I've found that using half-and-half instead of whipping cream in both recipes still gives a rich flavor, but reduces calories, fat and cholesterol. (Cholesterol is reduced by half.)

Fruit sauces, like Best Berry Sauce, are easy to combine and cook. Stir well several times during cooking to soften the fruit and keep the cornstarch from lumping. The sauce must come to a boil, but must not boil over a minute or the starch breaks down and the sauce will become thin.

Caramel Supreme Ice Cream Topping has to boil in order to develop a rich caramel flavor. Pay special attention to the special hints after the recipe.

For these sauces and others, choose a deep cooking container, like a cup-shaped measure or deep mixing bowl, rather than a shallow casserole. Be sure its large enough to prevent boilovers. A clear microwave-safe measure is ideal for cooking, since the sauce can be stirred more evenly and you can see when ingredients are thoroughly mixed.

Store the finished sauce tightly covered in the refrigerator until serving. Reheat right in the same container or transfer to a microwavable serving dish. Microwave on High, allowing about 20 seconds for 2 to 4 tablespoons; then stir. Continue, heating for 15 second intervals and stirring, until sauce is the right consistency.

As I mentioned last time, this will be the last "Microwave Minutes" column that I'll write. I started "Microwave Minutes" in 1978 in The Mankato (Minn.) Free Press, when microwaving was brand new. Back then, there were hardly any microwave recipes and hints in newspapers and magazines. That's changed. Now, the microwave oven is in about 85 percent of U.S. homes. More than half of all consumers—adults and children—use the microwave oven three times a day or more. Today, there are microwave recipes and tips in many publications.

I have lots of memories from writing "Microwave Minutes" and many treasured letters from you readers. I'll miss sharing recipes and hints with you and I'll miss answering your questions. But, I'm excited about my new career. And, I'll always keep microwaving. I hope you do too!

Best Berry Sauce

3 cups assorted frozen unsweetened berries: blueberries, raspberries and strawberries
1 tablespoon cornstarch
1 teaspoon lemon juice
1 teaspoon granulated sugar substitute~

Measure frozen berries into a 1 to 1^1/z-quart microwavable measure; cover with plastic wrap and microwave (High) 2 minutes. Push berries to one side of measure and gradually stir cornstarch into the juice which has formed. Then stir in lemon juice and sugar substitute. Re-cover. Microwave (High) 5 to 7 minutes, stirring after each 2 minutes, or until clear and slightly thickened. Let stand to cool. Stir before serving. Makes about 2^1/z cups.

Each ^1/4-CUp serving: 23 calories, O protein, O fat, 6g carbohydrate, 1mg sodium, O cholesterol.

*Taste sauce after cooking, and if desired, stir in more sugar substitute. If using Equal brand sugar sub- stitute, add it after cooking. (Equal—asparateme is not heat stable, so it loses its sweet taste when heated.)

Easiest Fudge Sauce

1 package (6 ounces) (1 cup) semi-sweet chocolate chips
½ cup whippping cream
½ teaspoon vanilla extract

Place chocolate chips and whipping cream in a microwavable 2 to 4-cup measure. Microwave (High) 1 minute. Stir well. Microwave (High) 45 to 90 seconds, stirring after each 30 seconds, or until chips melt when stirred. Mixture may look slightly curdled; if so, stir vigorously until smooth. Stir in vanilla. Serve warm over ice cream. Makes 1¼ cups sauce.

Each 1-tablespoon serving: 61 calories, O protein, 5g fat, 5g carbohydrate, 2mg sodium, 7mg cholesterol.

For fewer calories, cholesterol and fat: Substitute half and half for whipping cream.

Quick Peanut Butter Ice Cream Topping

1 cup whipping cream
½ cup packed brown sugar
¾ cup peanut butter
1¼ teaspoon vanilla extract
½ cup chopped peanuts (optional)

Place whipping cream, brown sugar and peanut butter in a microwavable 4-cup measure. Microwave (High) 1 minute. Stir well. Microwave (High) 2 to 21/z minutes or until sauce bubbles and thickens slightly. Mixture may look slightly curdled; if so, stir vigorously until smooth. Stir in vanilla and peanuts, if used. Serve warm over ice cream. Makes 2 cups sauce.

Each 1-tablespoon serving: 70 calories, 2g protein, 5g fat, 5g carbohydrate, 40mg sodium, 9mg cholesterol. For fewer calories, cholesterol and fat: Substitute half and half for whipping cream.

Caramel Supreme Ice Cream Topping

1 can (14 ounces) sweetened condensed milk (not evaporated)
¼ cup packed brown sugar
¾ teaspoon vanilla extract
½ cup broken pecans (optional)

Place sweetened condensed milk and brown sugar in a microwavable heat-proof glass, deep 2-quart measure. Microwave (High) 2 minutes. Stir well. Microwave (High) 2^1/~ to 3 minutes, stirring after each 1 minute, or until sauce bubbles rapidly for about 30 seconds and thickens slightly. Mixture may look slightly curdled; if so, stir until smooth. Stir in vanilla and pecans, if used. Serve warm over ice cream. Makes ^11/4 cups sauce.

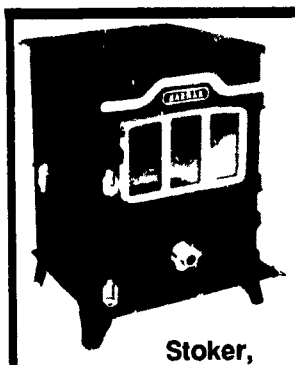
Hint: Be sure to use a big enough heat-proof glass measure and watch carefully to prevent boilovers. If mixture starts to boil over, microwave on Medium Power (50% power,325-350 watts), using about double the time remaining. When stirring towards the end of cooking time, use an oven mitt or be very careful, lifting your hand out of the steam as you stir. The mixture gets very hot.

Each 1-tablespoon serving: 70 calories, 2g protein, 2g fat, 13g carbohydrate, 24mg sodium, 7mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, Minn. 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different watt- age output, timings may need slight adjustment.



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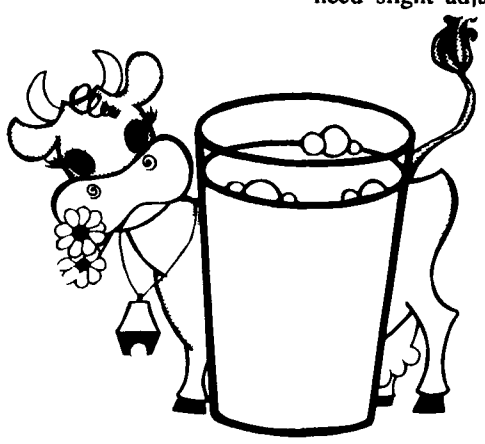

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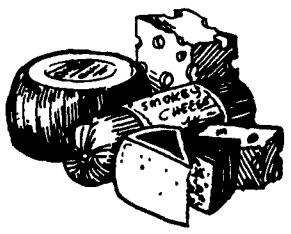
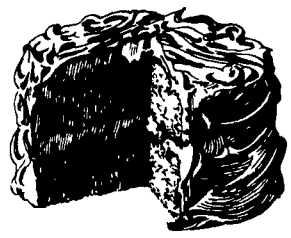


Home On The Range



Dairy-Delicious Recipes To Celebrate June Dairy Month

You've been waiting all year for these favorite recipes submitted to our annual dairy recipe contest. We have room to print only a portion of the entries each week during the month of June so remember to clip this section each week and you will have enough recipes to try for a year.

We especially appreciate those who included a photo and a little note about themselves and their families. These little glimpses into the lives of our readers make us feel as if we are real friends, and you will feel likewise when you read the notes that accompany the recipes.

Winners of the recipe contest will be printed in the June 29 edition of Lancaster Farming.

Using the finest of ingredients, these recipes are guaranteed to bring raves from family and friends. Try them.

SPAMBURGERS

½ pound American cheese
1 can Spam
1 medium onion
3 tablespoons catsup
3 tablespoons milk
Hamburger buns
1 to 2 tablespoons mayonnaise
½ to 1 tablespoon pickle relish

Grind the cheese, Spam, and onion together. Add mayonnaise, relish, catsup and milk. Stir. Spread on buns and broil until cheese bubbles or wrap filled buns in foil and bake at 250 degrees for 30 minutes.

This recipe was one my mother shared with me years ago. My family likes it a lot It can be made ahead and frozen and then used by a busy mom. We are a dairy farm family from South Central Maine.

Carol Fahnestock
Sabattus, ME

SPAGHETTI PIE

6 ounces spaghetti
2 tablespoons butter
⅓ cup grated parmesan cheese
2 well-beaten eggs
1 cup cottage cheese
1 pound ground beef
½ cup chopped onion
¼ cup chopped green pepper, optional
1 8-ounce can tomatoes, cut up
1 6-ounce can tomato paste
1 teaspoon sugar
1 teaspoon dried oregano, crushed
½ teaspoon garlic salt or powder
½ cup shredded mozzarella cheese

Cook spaghetti according to package directions; drain (should be about 3 cups). Stir butter into hot spaghetti. Stir in parmesan cheese and eggs. Form spaghetti mixture into a crust in a buttered 10-inch pie plate.

Spread cottage cheese over bottom of crust. In skillet, cook ground beef, onion, and green pepper until tender and meat is browned. Drain off fat. Stir in undrained tomatoes, tomato paste, sugar, oregano, and garlic salt; heat thoroughly. Turn meat mixture into spaghetti crust. Bake, uncovered, in 350 degree oven for 20 minutes. Sprinkle with mozzarella cheese and bake 5 minutes or longer until cheese melts.

We wish everyone a happy summer!

We have been in the dairy business for only 2½ years. We have had a lot of ups and downs getting the business started — especially this year. We did receive a Dairy of Distinction award for our efforts.

We have two sons, Eric and Craig. They are active in 4-H and enjoy going to the Clinton County Fair each August with their projects. We all enjoy reading your newspaper each week.

Joy Cerrato
Loganton

Craig Cerrato is getting his Jersey heifer cleaned up for judging at last year's fair.

PUMPKIN MUFFINS

¾ cup brown sugar
¼ cup molasses
½ cup butter
1 large egg, beaten
1 cup cooked, mashed pumpkin or winter squash
1¾ cup flour
1 teaspoons baking soda
¼ teaspoon salt
¼ cup chopped pecans

Cream together sugar, molasses and butter. Blend in egg and pumpkin. Mix flour with baking soda and salt; beat into pumpkin mixture. Fold in chopped pecans.

Fill well-greased muffin-pan cups two thirds to three-quarters full. Bake in 375 degree oven for 15 to 20 minutes. Makes 16 2½ -inch muffins or 36 1¾ -inch muffins.

"These muffins are very good. I love serving muffins with any meal. We live on a dairy farm and love it.

Here is a picture of our two boys that God has blessed us with. Justin is 3 years old and Matthew is 17 months old.

Arlan and Louise Kurtz
Morgantown

Justin, right, and Matthew Kurtz

VANILLA ICE CREAM

3 quarts milk, heated

Mix together:

2½ cups sugar
6 eggs
6 tablespoons flour
½ teaspoon salt

Heat milk in top of double boiler. When milk is very hot, add the egg mixture. Cook until thicken, about 15 minutes. Remove from heat and add:

2 tablespoons vanilla
1 can evaporated milk

Chill. Pour into ice cream freezer. Can and freeze.

If you wish to have chocolate ice cream, add 2 squares chocolate while cooking. Serves 8 to 10.

We are from West Hempfield Township. We're married 36 years and have six lovely children that are all married. We are blessed with 16 grandchildren — probably 17 by the time you receive this card. But no matter: They all scream for ice cream.

The way we are,

Helen Mehosky
Columbia

This is the western side of Melva Wright's house and part of the garden that shows the Sweet Williams in bloom. The Wrights have lived here for 61 years.

RHUBARB SPONGE PIE

⅔ cup sugar
2 tablespoons butter
3 tablespoons flour
1 cup milk
1 cup chopped rhubarb
2 eggs, separated

Cream sugar and butter. Add flour, egg yolks, milk, and rhubarb. Fold in beaten egg whites. Bake in unbaked pie shell for 20 minutes at 425 degrees and 325 degrees for 20 minutes or until knife inserted comes out clean.

Anita Brenize
Shippensburg

CARROT & BROCCOLI CASSEROLE

10 carrots, cooked and sliced
2 cups broccoli, cooked
½ cup butter
1 small onion
⅓ cup flour
1 teaspoon salt
½ tespoons dry mustard
¼ teaspoon celery salt
¼ teaspoon pepper
1½ cups milk
¼ pound Velveeta cheese
¼ pound longhorn or American cheese

Saute onion in melted butter. Add flour and seasonings. Slowly add milk. Stir until thickened. Remove from heat. Add cheeses and stir until melted. Pour cheese sauce over vegetables. Top with buttered bread crumbs. Bake at 350 degrees for 1 hour.

Curt and I are dairy farmers. We have 70 cows and also raise our own heifers. We have three daughters, Amber, 9; Amanda, 6; and Ashley, 1.

Pearl Hoover
Manheim

Amber, Amanda and Ashley Hoover

SPANISH CREAM

1½ tablespoons gelatin
½ cup cold milk
3 egg yolks
½ cup sugar
¼ teaspoon salt
1 teaspoon vanilla
3 egg whites
1½ cups milk, scalded

Add gelatin to cold milk. Let stand 5 minutes. Mix egg yolks, sugar and salt. Add to scalded milk and heat. Add gelatin to scalded mixture. Add vanilla. Cool. If desired, add some coconut. Fold stiffly beaten egg whites into mixture. Chill.

Note: I double the recipe and decorate the top with Rainbow Toppers.

I live on a 127-acre farm with two brothers and a sister. We have some young cattle and beef cattle, and we raise chickens for eggs. Our oversized garden is doing well and we have been selling some produce. I like flowers — my favorites are Sweet Williams. We like Lancaster Farming very much. My favorite hobby is corresponding with pen pals and I've written some poems. Several have been published in books and a good many in the weekly local newspaper

Melva Wright
Newville

TACO PIE

1 can refrigerator biscuits
1 tablespoon commeal
¾ pound ground turkey
½ cup chopped onion
8-ounce can tomato sauce
1 package taco seasoning mix
1 cup yogurt
4 ounces shredded cheddar cheese

Shredded lettuce and diced tomatoes

In microwave bowl, brown turkey and onion on high for 3 to 4 minutes. Drain. Stir in tomato sauce and taco seasoning. Spray quiche or pie pan with Pam. Separate rolls and press into dish. Sprinkle with commeal. Spoon meat mixture over crust. Spread yogurt over meat. Sprinkle with cheese. Bake at 375 degrees for 20 to 25 minutes or until set. Serve with lettuce and tomato, if desired.

I live with my husband, Andy, and two children, Wade, 15, and Katie, 7. I love to bake and collect wonderful recipes.

Belinda Myers
Dallastown

(Turn to Page B16)

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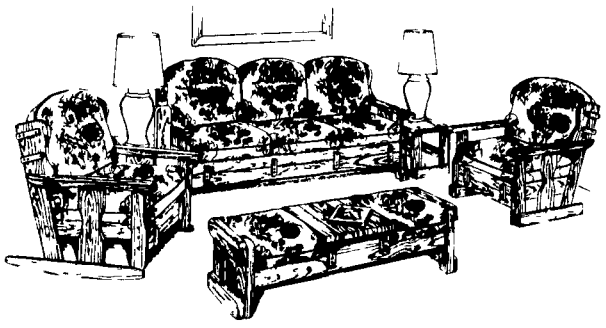

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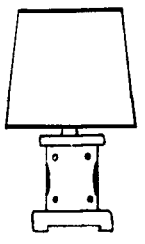

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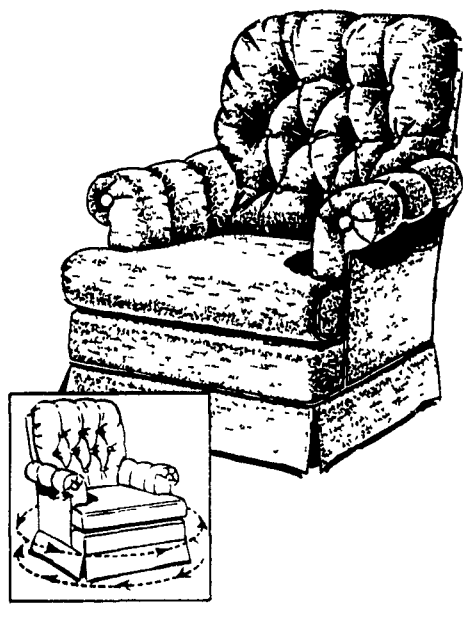

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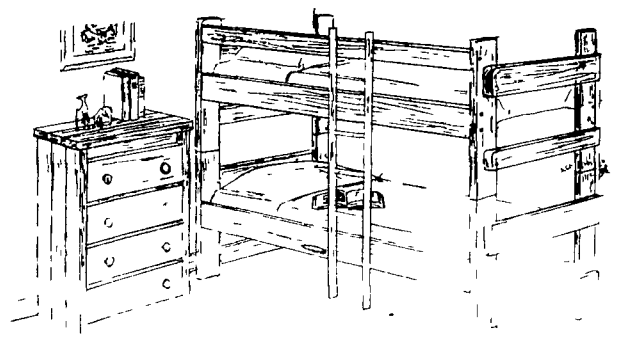

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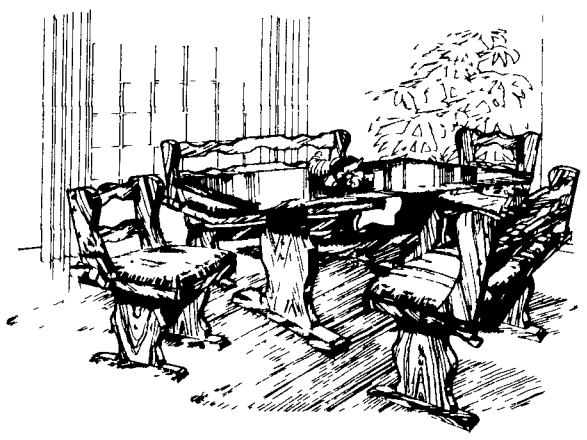

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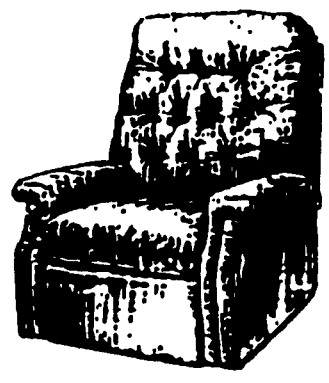

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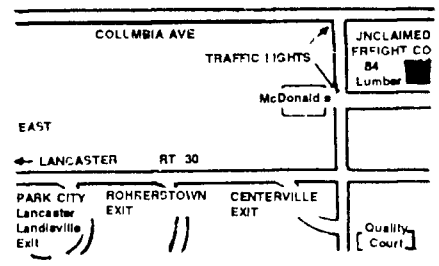

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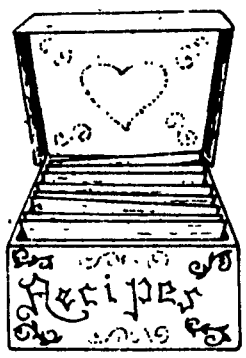

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Patricia Smith, Gore, Virginia, would like recipes for beef stew that includes a nice, thick, brown gravy, and can be canned; and for red pepper soup, which is thick and cheesy with tiny bits of red pepper. "It's delicious, but not too hot or bite-y," she writes.

QUESTION — Mrs. David Fisher, Lewistown, is looking for ways to obtain sugar products from sugar beets.

QUESTION — Laurie Woodrick of Belle Mead, NJ would like to know if apple fritters fry best in solid shortening or what is best since she thinks oil is too absorbent and heavy.

QUESTION — Tina Forry would like a recipe for salt dough pies.

QUESTION — Mrs. Jonas Troyer, Wyoming, Del., would like recipes for both lemon filling and peanut butter filling used in doughnuts.

QUESTION — Margaret Shaud, Columbia, would like to know how to make goatmilk candy that tastes like taffy in vanilla, chocolate, and strawberry flavors.

QUESTION — Verna Achenbach, Lebanon, would like recipes for mountain leeks.

QUESTION — Betty Light, Lebanon, would like to know where she can find dehydrated egg whites and a product that is called egg white substitute.

QUESTION — Rhonda A. Scanlon of Cherry Hill, N.J., would like a recipe for apple cider donuts.

QUESTION — Linda Beiler of Ronks would like a recipe for homemade energy bars using carob as the topping.

QUESTION — A reader from Greencastle would like a recipe for Bat Bow Fried Rice.

QUESTION — May Ozimek, Fleming, N.J. enjoys making Chicken Gumbo Soup, but the okra becomes very slimy. She has tried using both fresh and frozen okra. What is she doing wrong?

QUESTION — Jessica Seifrit, Fivepointville, would like a recipe for banana whoopie pies.

QUESTION — Lucille Groff, Denver, would like recipes to make jam and jelly without sugar. She writes that Smuckers have a jelly called "Simple Fruit" that is sweetened by using concentrated fruit juices. It tastes so good and not so sweet. Does anyone know how to make it or a similar jam or jelly?

QUESTION — Sherri Meily, Mt. Union, would like to know where to find a used candy melter or coating machine or a company that sells them.

QUESTION — Barb Minich of Shermansdale would like a recipe for tuna casserole that contains Monterey Jack cheese, pimento, and Bisquick.

QUESTION — James Coffey of Elkton, Md., would like to know how to can sugar pod peas. He would also like a recipe to can sweet and sour sugar pod peas.

ANSWER — An anonymous reader requested a recipe for canning pickled beets. Thanks to Dorcas Danner, Hanover, for sending a recipe with the following message: As a newlywed, I enjoyed my mother-in-law's pickled beets. When I asked her for her recipe, she naturally said that it's a little bit of this and that according to taste. So, one summer when I did my beets, I asked her to come to my house and we measured the ingredients to suit her taste. This was the result and our family has enjoyed them for the past 30-plus years.

Pickled Beets

8 cups vinegar
1 tablespoon salt
4 cups water
2 pounds brown sugar
10 quarts beets

Bring vinegar, salt, water and brown sugar to a boil. Add beets and boil again. Place in jars and seal.

Global Warning: Biggest Environmental Crisis Of Our Lifetime

HARRISBURG (Dauphin Co.) — The earth is heating up like never before. Today's global temperatures are the highest they've ever been and the implications for society are enormous.

Some examples: Cities and towns could be inundated as polar ice caps melt and sea levels rise; agricultural areas could be destroyed by heat and drought; and our ability to produce food and find drinking water could be reduced to a minuscule fraction of what it is today.

At the root of the problem is the "greenhouse effect": carbon dioxide, released into the atmosphere when fuels like coal and oil are consumed, traps the sun's rays before they can bounce back into outer space, turning the earth into a planetary hothouse.

Because they use carbon dioxide as they grow, trees could help cool the globe. But there simply are not enough trees in our global greenhouse to absorb all the carbon dioxide which is blanketing the earth. And many of the forsts that are left are being extensively cleared worldwide, especially in the tropics.

Clearly, one way to halt global warming is to reduce energy consumption and to rely less on fossil fuels. But another important way to reduce the "greenhouse effect" is to plant trees — lots of trees — particularly in and around urban "hot spots."

ANSWER — Tina Forry requested a recipe for salsa to can. Here's a great garden-fresh recipe for salsa submitted by Cheryl Velkoff of Warriors Mark and another from Bobbie Gardner of Havre de Grace, Md., and one from a Manheim reader.

Salsa

6 to 8 cups tomatoes, blanched, peeled, drained
2 cups finely chopped jalapeno peppers
1 cup chopped onions
3 to 4 teaspoons salt
3 teaspoons garlic powder

Blanch and peel tomatoes. Cut in large chunks and let drain in colander, then measure. This makes a chunkier salsa. Chop peppers (adjust amount of peppers to taste) and onions in food processor if possible. Put all ingredients in large pot. Cook 1 hour or until desired thickness. Pour into hot pint jars and adjust lids. Water bath for 35 minutes.

To blanch tomatoes, dip in boiling water for 30 seconds to 1 minute to loosen skins.

Salsa

3½ cups whole peeled tomatoes and juice
1 cup tomato paste
1 cup finely chopped onion
⅓ cup chopped green pepper
½ cup green chilies, diced
1 crushed garlic clove
2 tablespoons chopped fresh cilantro
½ teaspoon cumin
½ teaspoon salt
¼ teaspoon pepper

Cut tomatoes in small pieces. Combine with remaining ingredients. Chill. Serve with tortilla chips. Makes 5 cups.

For medium hot salsa, add ½ to 1 teaspoon minced jalepeno chilles.

For very hot salsa, add 2 to 3 teaspoons minced jalepeno chilies and 10 drops of hot pepper sauce.

To can: put in jars and boil for 30 minutes.

Salsa

4 cups peeled, cored, chopped tomatoes
2 cups seeded, chopped long green peppers
1 cup seeded, chopped hot peppers
¾ cup chopped onion
1½ teaspoons salt
2 cloves garlic, minced
1½ cups cider vinegar

Combine tomatoes, peppers, onions, salt, garlic, and vinegar in a large saucepot. Bring mixture to a boil; reduce heat and simmer about 20 minutes. Pour into hot jars, leaving ¼ -inch head space. Adjust caps. Process 30 minutes in boiling water bath. Yields about 6 half pints.

ANSWER — Martha Lyons, Muncy, lost the recipe for pumpkin pie that recently appeared in this column. Thanks to Arlene Martin, New Holland, for sending a recipe.

Pumpkin Sponge Pie

1 tablespoon plain gelatine
¾ cup water
½ cup milk
1 cup sugar
1¼ cups mashed pumpkin
3 egg yolks
½ teaspoon salt
½ teaspoon nutmeg
½ teaspoon cinnamon
3 egg whites

Dissolve the gelatine in water for 5 minutes. Mix milk, ½ cup sugar, pumpkin, spices and yolks. Cook over boiling water until thickened. Remove from stove and add gelatine. Stir until gelatine is dissolved. When this begins to set, add beaten egg whites to which ½ cup sugar has been added.

Pour into baked pie shells and refrigerate.

(Turn to Page B9)

Part of the Solution: How Trees Can Help

Trees use up excess carbon dioxide in the atmosphere and turn it into life-giving oxygen.

Trees help conserve energy. Three properly-planted trees around your home can cut your air conditioning bill by 10-50 percent.

Trees turn urban "heat islands" into cool and comfortable "oases," making the concrete jungle livable for man or beast.

There are 100 million energy-efficient tree planting sites available around homes and in our towns and cities.

Planting those 100 million trees could offset America's carbon dioxide emissions by 18 million tons a year, saving American consumers $4 billion each year.

Planting trees is a positive step you can take right now — in your backyard, on your street, and in your city or town — to stop the carbon dioxide buildup. See your local nurseryman for what you can do to stop the global warming.

Facts About Global Warming

Present global temperatures are the highest since records have been kept. The 1980s have produced the five hottest years of this century.

Scientists estimate that the level of atmospheric carbon dioxide could double in a few years, if present trends continue.

If that happens, global temperatures could rise by an average of 6-12 degrees Fahrenheit.

World energy use is the main contributor to atmospheric carbon dioxide.

The United States, with only one-twentieth of the world's population, produces nearly one-quarter of the annual global carbon dioxide from burning fossil fuels.

Urban areas, with their expanses of concrete, build up "heat islands" that are 3-5 degrees (Celsius) hotter than their surroundings.

Currently, only one tree is planted for every four that die or are removed in American cities and towns.

Trees can absorb carbon dioxide at the rate of 48 pounds per year — about 10 tons per acre per year.

Urban trees that shade "heat islands" are 15 times more important in reducing carbon dioxide buildup than rural trees.

If current opportunities to improve tree growth were taken, this new growth would reduce atmospheric carbon dioxide by 450 million tons, about one-quarter of what the United States is estimated to release annually from burning fossil fuels.

Tropical forests are still being lost at the rate of 27 million acres per year, an area about the size of Tennessee.

Cook's Question

(Continued from Page B48)

ANSWER — Marian Mosemann, Lehighton, requested recipes that feed 100 or more people and also recipes for canning in quantity. Thanks to Mrs. Ed Snyder, Manheim, for sending several recipes.

Ham And Bean Soup

8 gallons great northern beans, cooked
3 quarts cooked, chopped ham
2 quarts ham broth

Divide cooked beans with juice into 2 large containers. Divide meat and broth and mix. For 3 hours, heat over low heat either on range top or in oven. Serve when bubbly hot.

Barbecued Beans

8 pounds hamburger
½ cup dehydrated onion flakes
4 cups catsup
4 cups brown sugar
4 tablespoons vinegar
4 tablespoons mustard
4 tablespoons salt
2 (6.14 pound) cans pork and beans, do not drain
1 (6.14 pound) can great northern beans, drained and rinsed
¾ of a 6.2 pound can of kidney beans, drained and rinsed

Lightly brown hamburger and onion flakes. In a bowl, combine catsup, brown sugar, vinegar, mustard, and salt. Add to meat. Put beans and meat mixture into greased electric roaster. Heat at 350 degrees. If mixture is juicy, cook uncovered for an hour before serving. Stir occasionally to keep from sticking to sides of casserole.

Tapioca

1 gallon milk
8 eggs, separated
2 cups sugar, divided
1 teaspoon salt
1½ cups tapioca
2 tablespoons vanilla

Soak the milk, beaten egg yolks, 1 cup sugar, salt, and tapioca for 5 minutes in 8 quart kettle. Boil for 5 minutes. Fold in the egg whites that have been stiffly beaten with 1 cup sugar. Add the vanilla. Cool. Stir and chill. Serves 50.

Pickled Red Beets

1 quart vinegar
1 quart water or beet juice
3 cups white sugar
1 tablespoons to ⅓ cup salt
7-quart canner filled with beets

Cook beets until tender about 1½ to 2 hours (young beets don't take as long to cook). Skin, cut in desired pieces. Boil the ingredients. Add beets and bring to a boil again. Put in cans. Makes about 10 quarts.

Customer Wins Year's Supply Of Ice Cream

HARRISBURG (Dauphin Co.) — The Harrisburg Senator's baseball season has started with a grand prize winner in the ice cream home run billboard contest. The winner, Robert Campbell, Jr., of Camp Hill, received a year's supply of ice cream from Giant Food Stores of Carlisle.

The winning hit was made by the Senator's catcher, Bob Natal, at the team's game against the London Tigers on April 11. To qualify for the award, Campbell's game program was stamped on the Pennsylvania Dairy Promotion Program(PDPP)/Giant Food Stores advertisement.

Along with the billboard contest, Giant customers have been entering a special radio "ice cream home run inning" contest that is held during the fourth inning of every Senator game. Three customer names are drawn per game, and if a specified Senator hits a home run during the inning, that customer wins a year's supply of ice cream.

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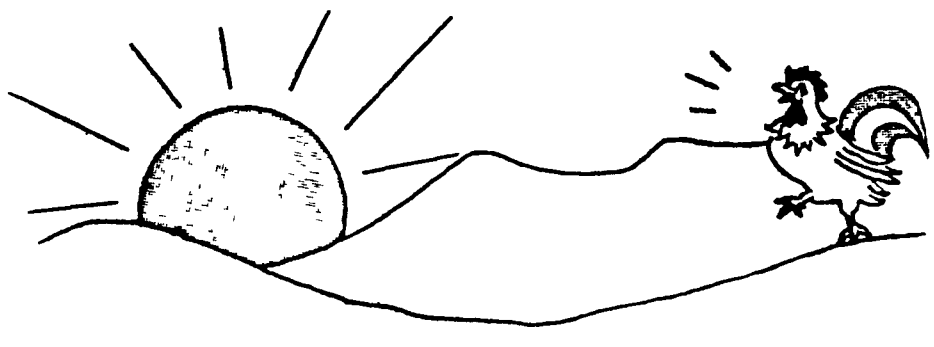

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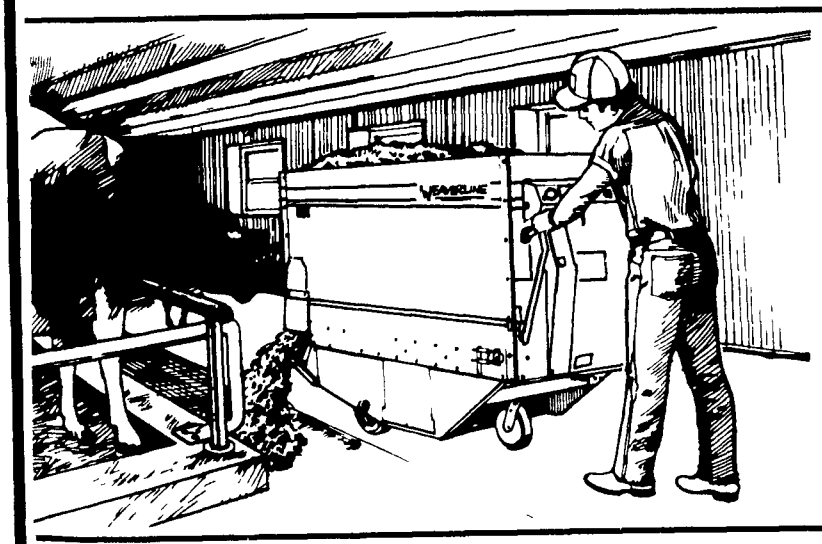

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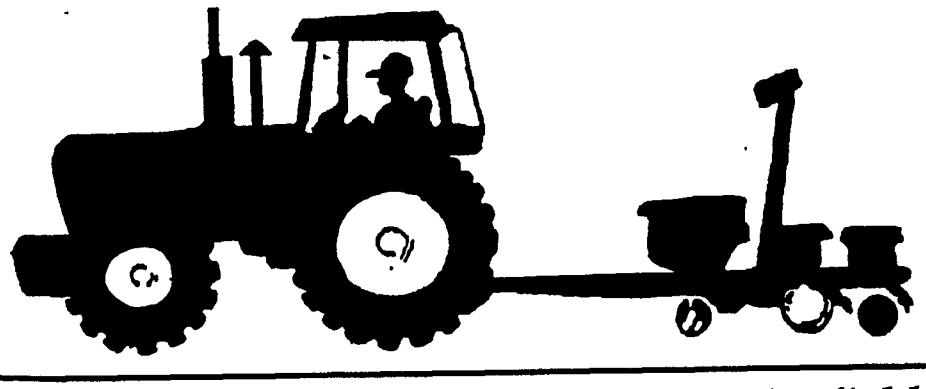

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Kid's Korner

Children Make Dairy Pudding At Pittsburgh Festival

The Pennsylvania Dairy Promotion Program along with county Dairy Princesses brought the dairy industry to the annual Pittsburgh Children's Festival. More than 1,500 youngsters stopped at the dairy booth to make chocolate pudding and visit with Ms. Udderly.

"We were pleased with the success of this promotion," said Betsy Dupuis, PDPP promotions specialist. "The children and their parents were very excited to make pudding and learn more about Pennsylvania's dairy industry."

Children were able to mix instant pudding with milk to make their own serving of chocolate pudding. While they made pudding, Ms. Udderly and ventriloquist Roseann Lederer, entertained the children and adults with stories about life on the farm and dairy products.

In addition to these activities, youngsters were able to enter a contest to win dairy tee-shirts and each participant received a "Happiness is a Cow" coloring book. The children also learned more about dairy nutrition by testing their knowledge with puzzles and games.

The Children's Festival is an annual event sponsored by Pittsburgh's Citiparks Department. The week-long festival features live entertainment and hands-on activities for children.

Roseann Lederer, a ventriloquist, and her partner, Ms. Udderly, entertain youngsters visiting the festival with stories about dairy farming and dairy products.

The Cow That Gave Chocolate Milk

Dear Readers,

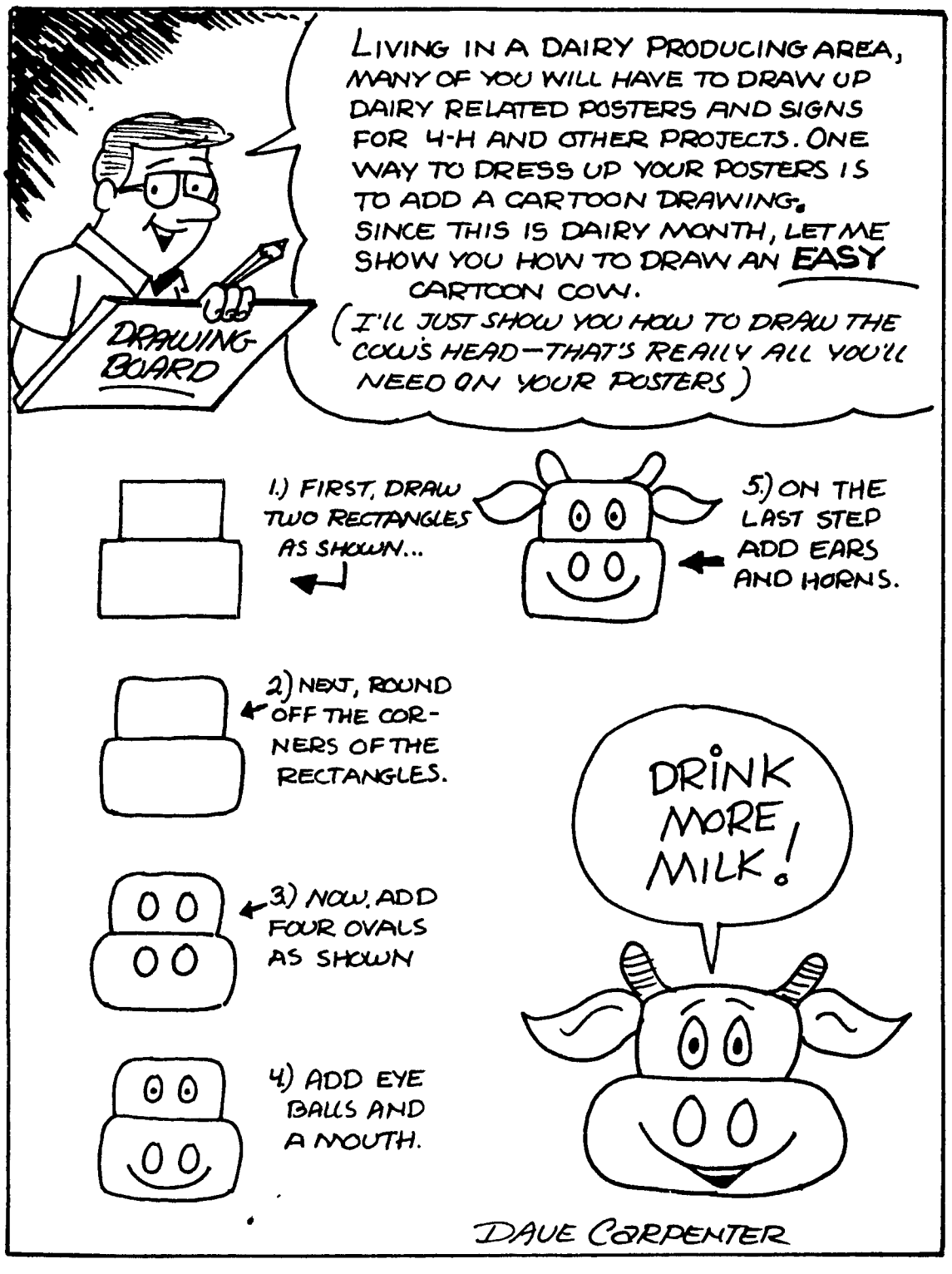
I went to my grandpa's farm and got my first chance to milk a cow! It began to give chocolate milk! I started to laugh.

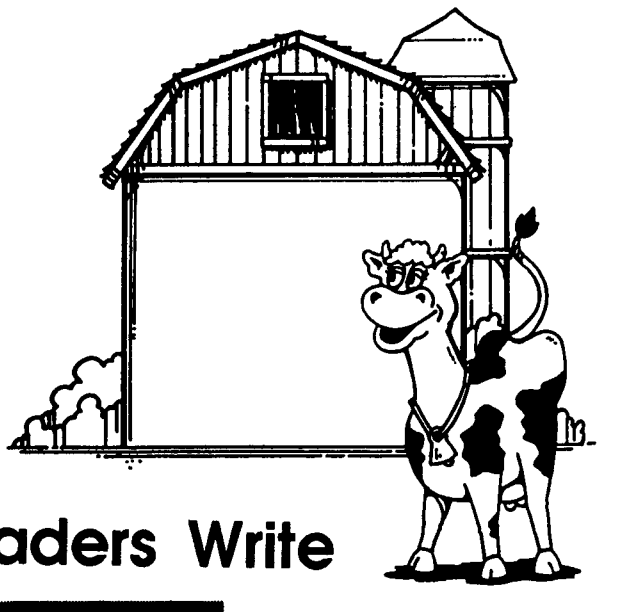
The milk bucket spilled. Then the chocolate milk turned into gold. I was rich! I went to tel George Bush. He said I was famous!

Then I went back to the farm and told my mom and dad. When I came back, I had 1,000 pieces of gold! The cow was giving chocolate milk again. We had 16 gallons of chocolate milk. Then my grandpa milked her and it was regular milk!

Martha Witman, 8 years old
Derry, New Hampshire

Martha is the granddaughter of Paul and Arlene Witman who have a farm in Mount Joy.


LIVING IN A DAIRY PRODUCING AREA, MANY OF YOU WILL HAVE TO DRAW UP DAIRY RELATED POSTERS AND SIGNS FOR 4-H AND OTHER PROJECTS. ONE WAY TO DRESS UP YOUR POSTERS IS TO ADD A CARTOON DRAWING. SINCE THIS IS DAIRY MONTH, LET ME SHOW YOU HOW TO DRAW AN EASY CARTOON COW.
(I'LL JUST SHOW YOU HOW TO DRAW THE COW'S HEAD—THAT'S REALLY ALL YOU'LL NEED ON YOUR POSTERS)
DRAWING BOARD
1.) FIRST, DRAW TWO RECTANGLES AS SHOWN...
2) NEXT, ROUND OFF THE CORNERS OF THE RECTANGLES.
3) NOW, ADD FOUR OVALS AS SHOWN
4) ADD EYE BALLS AND A MOUTH.
5.) ON THE LAST STEP ADD EARS AND HORNS.
DRINK MORE MILK!
DAVE CARPENTER



Readers Write

Lonita Fahnestock

Dear Readers,

I am 8 years old. I live on a dairy farm in Maine. I made this pizza for a 4-H demonstration. It is a prize winner.

EASY PIZZA

1 package English muffins OR 1 package refrigerator bisquits

1 8-ounce can tomato sauce

¼ to 1 cup grated Cheddar cheese

Slice muffins in half or pat bisquits into thin rounds about the diameter of an English muffin. Spread tomato sauce on the rounds. Sprinkle with cheese. Bake for 10 minutes in 450 degree oven. Cut in wedges. Serve hot.

Lonita Fahnestock
Sabattus, Maine

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Farm Women's Cookbook Unveiled At Convention

JOYCE BUPP
York Co. Correspondent

GLEN ROCK (York Co.) — Six years in the making, the first Pennsylvania Society of Farm Women's cookbook is off the presses.

The first copies of the cookbook were unveiled during the state Farm Women's Spring Rally in Reading, Thursday, May 23.

A cookbook featuring favorite recipes from Farm Women members across the commonwealth was the project spearheaded by former state president, Naomi Bupp, during her three-year tenure from 1985-87. Each state president selects a specific state project to be carried out during her term of office.

"My goal all along was to do a cookbook. There had never been one done on a statewide level, but cookbooks have very successfully been done by both Lancaster and York counties," says Naomi. Having served three-year terms each as both 2nd and 1st state Farm Women vice president, the former York County president had settled on the cookbook project early on as an officeholder.

Each society in the 16 counties where Farm Women organizations are active was asked to submit at least one recipe. Most sent numerous contributions. The only qualification was that the recipes must include at least one Pennsylvania-produced commodity.

During her three-year term, Naomi gathered more than 2,200 recipes from the Society's 4,000 members. An assisting state cookbook committee helped to sort and arrange the collection by categories. Helping with the recipes were Martee Mentzer, Cumberland County: Catherine Schott, Lebanon County; and Louise Stauffer, Franklin County. Youth section recipes were organized by Laurene Tate, Adams County; Dorothy Pule, Greene County; and Arlene Weaver, Dauphin County.

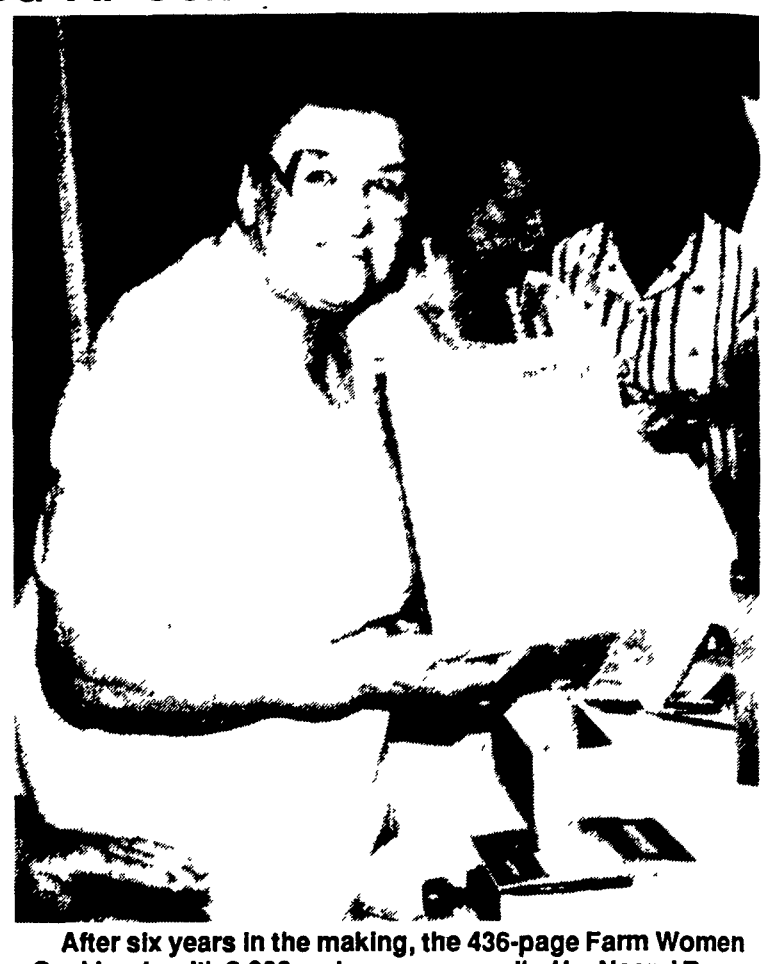
The massive collection was then turned over to York County artist Don Abbott Thomas and his wife Pauline, also a member of the York County Society of Farm Women, Society #2. The Thomases volunteered for the massive task of preparing the material for publication. Pauline typed and arranged the recipes by computer, while Don added dozens of original illustrations to visually enhance the cookbook.

Spiral-bound, with soft cover, the 8½ -inch by 11-inch cookbook encompasses more than 400 pages of recipes that "have not been lab tested, but their merit has been established by church and civic groups and the most critical group of all - husbands," says a portion of the foreward. Categories range from beverages to casseroles, from salads to desserts, and include a special section of children's recipes.

"Proceeds from the cookbook are to go to the state scholarship fund," Naomi emphasizes.

The state society annually awards up to four $500 scholarships to children and/or grandchildren of members. Recipients must be pursuing home economics related college majors such as the culinary arts, foods, and nutrition, hotel management or textile and design specialties.

Cost of the cookbook is $15, which includes tax. Shipping charge for mailing is additional. Cookbooks are available by contacting Naomi Bupp, R2, Box 154, Glen Rock, PA or calling 717-235-3426.



After six years in the making, the 436-page Farm Women Cookbook, with 2,200 recipes, was unveiled by Naomi Bupp at the association's spring rally.

Juniata Plans June 14 Pageant

The Juniata County Dairy Princess Pageant will be held Friday, June 14, at the Walker Grange Hall in Mexico. The coronation program will begin at 8:00 p.m. and a "Make Your Own Sundae" will conclude the event.

Melissa Ann Adamire, daughter of Mr. and Mrs. Russell Adamire of RD3, Mifflintown is the candidate for 1991 Juniata County Dairy Princess. Melissa will graduate from Juniata High School on June 4, and presently plans for a career as a DHIA supervisor and part-time employee on her parent's dairy farm.

Melissa Ann Adamire

While a student at Juniata High School, Melissa was a member of the Varsity Club with team participation in softball and field hockey. As her formal public education comes to a close she looks back on the school activities which have meant a great deal to her as a student. The activities include volleyball club, senior play, chorus, band, Tri-M, National Honor Society, SADD, yearbook staff chairperson, homeroom captain and Scholastic J.

Arrangements for tickets can be made by calling Vera Supplee at (717) 535-5928.

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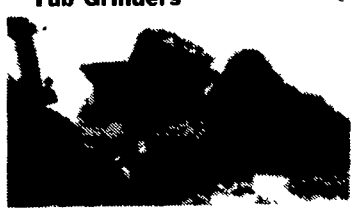

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

FRESH LEMONS — THE SUNSHINE FRUIT

What come's to mind that's sunny yellow, zesty, and wonderfully aromatic?

Why, the fresh lemon, of course — one of the world's oldest seasoning secrets. As we move closer to the 21st century, this simple fruit, prized in many ancient civilizations and throughout our history, is increasingly seen as a gold mine of flavor and health.

Fresh lemon consumption has risen in the past few years, as more consumers recognize the value of the prized fruit. Its bright yellow skin holds a wealth of tantalizing aroma and magic flavor appeal. Perfumers have coveted the lemon for its aromatic oil for centuries and over the years famous chefs around the globe have included lemon dishes in their repertoires.

The lemon is versatile, showing up in every portion of the menu. And it's healthful, too. One tablespoon of juice has only four calories, no sodium, fat or cholesterol, yet provides over 1/10 of the vitamin C needed each day. It's an ideal flavor enhancer when you want to add some zest to a low-calorie or low-sodium diet.

Fresh lemons, grown primarily in the sunny climates of California and Arizona, are available year around. Presently good supplies are coming to local markets from Califomia growing areas. It's a perfect time to enjoy them with the wonderful fresh vegetables in season... or squeeze a wedge of lemon over chicken or fish for a flavor lift.

If you are a microwave fan, don't forget the fresh lemon. It's equally at home when microwaving, as it was in the cuisines of China and India centuries ago. Here are a couple of ideas to show you how fresh lemons can add great taste to your microwaved foods.

Fish 'N' Rice For 4

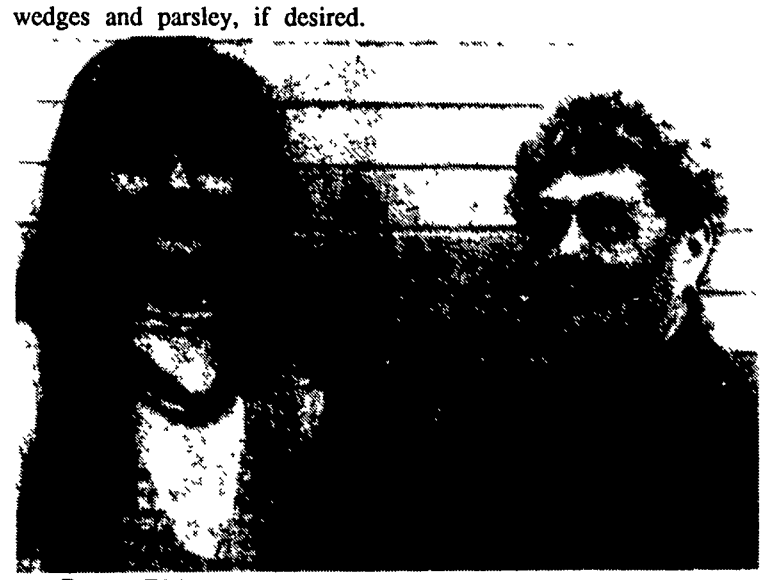
1½ cups quick-cooking rice
¼ cup shredded carrots
¼ cup thinly sliced celery
2 tablespoons margarine or butter
1½ teaspoons instant chicken bouillon
Grated peel of 1 lemon
¼ teaspoon poultry seasoning
1½ cups boiling water
4 sole or haddock fillets (about 1 pound)
Juice of 1/2 lemon
Paprika
Salt (optional)
MICROWAVE — High Power Setting

In 1 2x8x2-inch glass baking dish, combine rice, carrot, celery, a tablespoon margarine, bouillon, lemon peel and poultry seasoning; stir in boiling water. Cook, covered with waxed paper for 3 minutes. Uncover; stir rice. Arrange fish over rice (placing smaller pieces in center); sprinkle with lemon juice, paprika, salt and dot with remaining 1 tablespoon margarine. Cook, covered, 8 to 10 minutes or until fish flakes easily with fork. Let stand, covered, four minutes. Garnish with lemon wedges and parsley, if desired.

Lemon Parsley Carrots

1 pound carrots, cut in 1/4-inch slices (about 3 cups)
2 tablespoons water
2 tablespoons margarine or butter softened
1 tablespoon sugar
1 tablespoon chopped parsley
½ teaspoon fresh grated lemon peel
2 teaspoons fresh squeezed lemon juice
¼ teaspoon salt
MICROWAVE — High Power Setting

In 2-quart covered glass casserole, cook carrots in water until just tender (approx. 9 minutes), stirring once; drain. Stir in remaining ingredients; cook until heated through (approx. 1 minute). Makes about 3 cups (4 to 6 servings).



Dawn Ridinger, left, Biglerville, received the 1990-91 Helen D. Tunison $250 scholarship from June Shook, president of the Adams County Extension Family Living Advisory Committee. Dawn will graduate this spring with an associate degree in Interior Design from the Bradley Institute for the Visual Arts in York. The Tunison Scholarship is supported by the Adams County Extension Homemakers.

Applications are now being accepted for the 1991-92 scholarship. Students who have completed their freshman year and are majoring in a home economics related field may request an application from the Adams County Extension Office. Deadline for completed applications is June 30, 1991.

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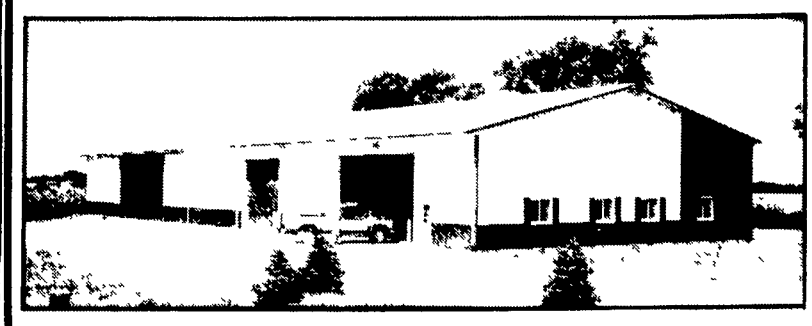

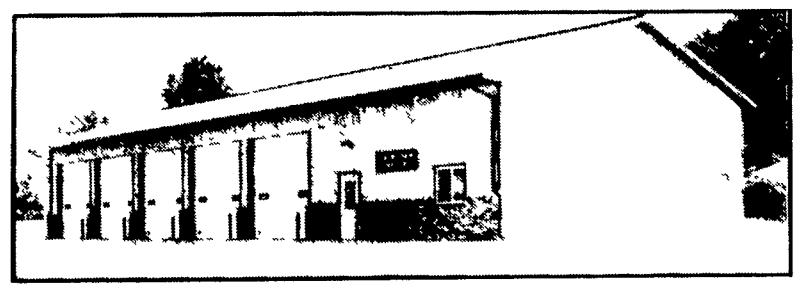

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These Berks County Farm Women members planned the Spring Rally held at Reading that was attended by 835 members from across the state. From left: Mary Bartholmew, Joan Loeb, Dorothy Stricker, Wendy Lingle, Judy Swope, Carolyn Feeg, and Janet Schlegel.

Farm Women Celebrate At Spring Rally Event

LOU ANN GOOD
Lancaster Farming Staff

READING (Berks Co.) — In keeping with their society's song, 835 Farm Women members "brightened a corner" of the Sheraton Berkshire on May 23.

At the Society of Farm Women of Pennsylvania 26th Spring Rally, Berks County talent provided the entertainment.

Joyce Schott and Lucy Meyer sang duets and led the audience in old-time favorites. Henry Zerbe of Bernville who works for the return of the family outhouse offered a repetoire of outhouse jokes. Lester Breininger, a potter and antique collector, gave fascinating accounts about collecting American country.

The Spring Rally traditionally is a fun day and a business meeting is not held.

During the day-long event, Dottie Stricker, state vice president in charge, introduced past and present officers. Naomi Bupp, a past state president, told about the 436-page Farm Women Cookbook that has just been released. The intricately illustrated cookbook contains 2,200 recipes from members and their families. It is sold for $15.

President Arlene Witman introduced a heifer that needs a name for the upcoming heifer project. A prize will be given to the winning entry. Witman said the heifer was born in Somerset County where the first Farm Women society was established.

The Society of Farm Women of Pennsylvania meet monthly in their individual societies and twice a year, at the Spring Rally and during the Pennsylvania Farm Show.

Lester Breininger displays a collection of Pennsylvania German redware pottery that Farm Women members could examine and purchase at the Spring Rally.

Berks County Dairy Princess Kelly Geisinger serves milk punch to Farm Women members.

Mary Bartholomew receives one of the many door prizes from Joan Loeb, right.

Lancaster Society 18

Farm Women Society No. 18 met May 18 at the home of Betty Hess. Mildred Kreider, president, presided.

Betty Geib spoke on homemade soap, which she makes in her home.

On June 15 the society is taking a bus trip to see "Spirit of American" in Landover, Maryland.

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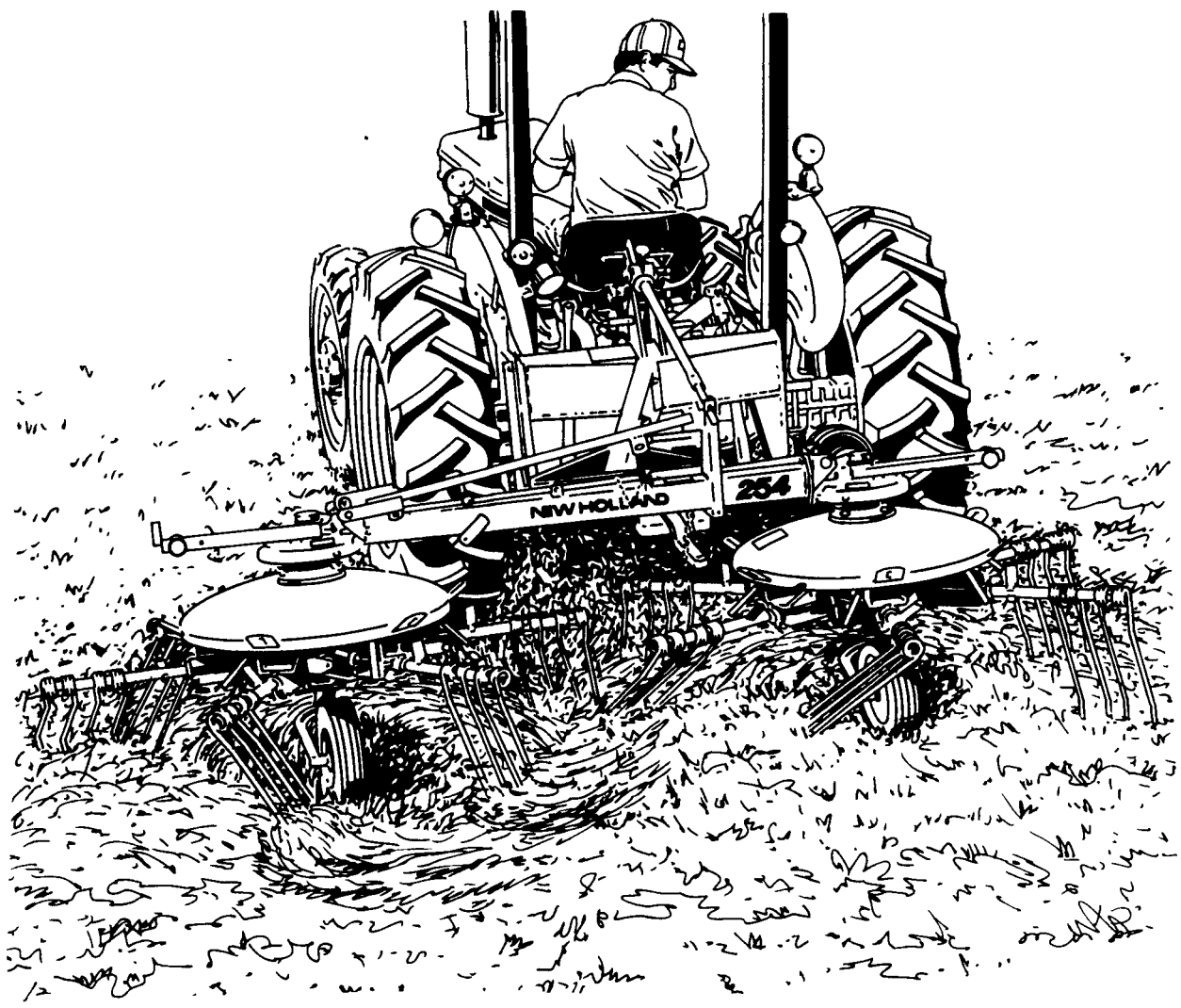

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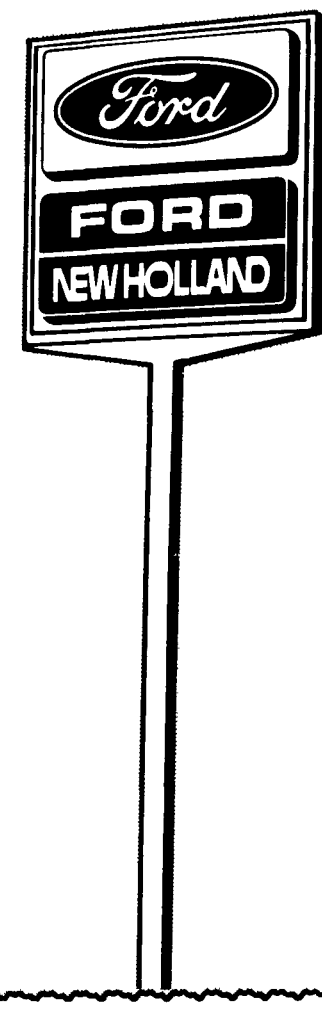

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Dairy-Delicious Recipes To Celebrate Dairy Month

(Continued from Page B6)

OOOOOOH MACARONI WITH THREE CHEESES

3 cups cooked macaroni
11 oz. can cheddar cheese soup
1 cup milk
½ cup shredded cheddar cheese
½ cup shredded Swiss cheese
½ cup shredded mozzarella cheese
¼ teaspoon each salt, pepper & dry mustard
2 cut up hot dogs (opt.)

Mix all ingredients except mozarella in a 2 qt. casserole and bake for 25 minutes at 350 degrees. Top with mozzarella and bake an additional 5 minutes or til bubbly. Serve and watch the smiles!

I grew up on a dairy farm in the quiet shadows and foothills of the Green Mountains in Kirby, Vermont. Being the oldest and being a daughter, I often regretted not helping my dad more as I grew up. I know shameful little about the business end of farming. And naturally, I was saddened to think that we might someday lose the farm because of it.

You can imagine my delight when I met the man of my dreams and he fell in love with the farm. He helped my dad every weekend we were home. At the time he was a budding civil engineer in Williston, Vermont. Well, I became pregnant that December of 1989, and though it was a surprise, we were thrilled to pieces. But my husband Michael and I were then faced with a serious decision: we always talked about rearing our children in the same environment in which I grew up. And so, after approaching my dad, we packed up and right after our son Evan was born, we moved back home. Poor Mom! And Michael would carry on in the tradition of a family farm!

We are in the process of building a log home on the farm and I am very happy. But in the meantime I help my mom around the house and share the cooking of meals, and my favorite farm recipe appears here.

Evan is only 8 months old, but he loves macaroni too.

Tracy Sherbrook
Lyndonville, VT

CHURCH SUPPER HAM LOAF

1 pound ground ham
1 pound lean pork sausage
2 cups soft bread crumbs
2 eggs, beaten
1 cup sour cream
⅓ cup chopped onion
2 tablespoons lemon juice
1 teaspoon curry powder
1 teaspoon dry mustard
1 teaspoon ground ginger
⅛ teaspoon nutmeg
¼ teaspoon paprika

Basting sauce:
½ cup packed brown sugar
¼ cup water
¼ cup cider vinegar
⅛ teaspoon black pepper

In large mixing bowl, gently combine all ham loaf ingredients. Form a loaf, place in shallow baking pan. Bake uncovered at 350 degrees for 1 hour. In a small saucepan, combine all ingredients for the basting sauce; bring to a boil. Immediately, drain drippings from ham loaf and pour basting sauce over it. Continue baking ham loaf, basting occasionally with pan juices for 15 to 30 minutes or until lightly browned. Serves 8 to 10.

Linda Zimmerman
Lititz

PEACH SLUSH

1 16-ounce can sliced peaches in syrup, chilled
1 pint vanilla or peach ice cream
2 cups cold milk
1 tablespoon lemon juice
¼ teaspoon almond extract

Place peaches and syrup in blender. Blend at high speed until peaches are of a puree, about 1 minute. Add ice cream. Blend on high speed for 30 seconds. Add milk, lemon juice, and almond extract. Blend on high speed until foamy, about 30 seconds.

Serve immediately. Makes 6 cups.

Danielle Gutshall
Cumberland Co. Dairy Princess

Mary and George Fleming from Birdsboro enjoy spending time at their trailer with a sun porch located at a Maryland vacation spot.

PINEAPPLE CHEESE PIE

10-inch pie shell, unbaked
8-ounce can crushed pineapple
1 tablespoon cornstarch
5 eggs
¼ cup butter
¾ cup sugar
1 pound cottage cheese
3 tablespoons milk
½ teaspoon vanilla

Cook together pineapple and cornstarch until thickened. Cool the mixture. Separate egg yolks from whites; beat egg whites until stiff. Set aside.

Cream together butter and sugar; add egg yolks, cottage cheese, milk, and vanilla. (To avoid lumps, cream mixture in blender). Fold in egg whites.

Spread the pineapple mixture over the bottom of the pie crust. Pour the cheese mixture on top.

Bake in 325 degree oven for 55 to 60 minutes. Pie is finished baking when knife inserted near center comes out clean. Chill before serving.

My friends enjoy this pie very much.

My husband, 71 years old, and I, 69 years old are retired. I love to cook and try new recipes. I like to crochet and make rugs. My husband has a woodworking shop. He can fix almost anything. We belong to Haycreek Historical Association and my husband is the wheelwright. He makes wagons, wheelbarrows, and demonstrates making wheels at the Fall Festival of the Historical Society.

We have a place in Maryland at White Horse Park and enjoy spending time there boating, fishing, and crabbing.

We have two daughters, Barbara, a nurse; and Susan, a dental assistant.

We have three granddaughters, Jennifer, 11 years old, and twin girls, Megan and Rebecca, 8 years old. Our grandchildren are fun and we love them very much.

Mary Fleming
Birdsboro

OATMEAL PANCAKES

Stir to mix:
1½ cups all-purpose flour
1 cup quick oats
2 teaspoons baking powder
1 teaspoon baking soda
½ teaspoon cinnamon
½ teaspoon salt

In a small bowl, beat together:
1½ cups sour milk or buttermilk
2 eggs
2 tablespoons honey
6 tablespoons melted butter

Add liquids to dry ingredients. Stir.

Fry on hot, greased skillet. Makes about 6 servings.

"We are a dairy family with 3 preschoolers, a garden, and I'm too busy to write more."

Mrs. David Fisher
Lewistown

CHEESE CAKE SUPREME

Crust:
1¼ cups graham cracker crumbs
¼ cup sugar
¼ cup butter, melted

Mix crumbs, sugar, and butter. Butter a 10-inch springform pan 2¼ -inch deep and press the crumb mixture into the sides and bottom of the pan.

Filling:
5 8-ounce packages cream cheese
3 tablespoons flour
1¼ cups sugar
5 whole eggs
2 egg yolks
Grated rind of one lemon
Grated rind of half an orange
¼ cup heavy cream

Let all ingredients except the cream, reach room temperature. Beat cheese until fluffy. Mix sugar and flour, gradually blend into cheese, keeping mixture smooth. Add grated rinds. Add eggs and egg yolks, one at a time, beating well after each addition. Stir in cream. Pour into crust.

Bake in 500 degree oven for 10 minutes. Reduce heat to 200 degrees and bake 1 hour longer. Remove from oven and place away from drafts until cooled. Refrigerate until cold. Remove sides from pan and place the cheese cake on a serving dish.

This is a favorite cheese cake recipe passed on to me by a friend. Everyone loves it. My family and I live on a mini-farm. We have six llamas, a donkey, and two dogs. We have five children and six grandchildren. I just love to collect ccokbooks and recipes. Your newspaper sure does have some wonderful recipes. I entered a contest some time ago, but did not win so I am trying again. I collect cows so I sure would love to win one of those lovely prizes pictured in the paper.

June Baklik
Shelton, CT

POTATO SOUP

8 medium potatoes, unpeeled and cubed
2 quarts half and half
1 cup cooked eggs, sliced
2 cups asparagus tips
3 tablespoons bacon drippings for flavor
fresh parsley, chopped
salt and pepper to taste

Cook potatoes in boiling salt water until tender. Drain. Cook the asparagus until tender. Drain. Add half and half to the potatoes, asparagus, eggs and heat using low heat to prevent scorching. Add bacon drippings, parsley, salt and pepper.

A little about my family — we moved to a farm two years ago, and there hasn't been a dull moment yet. We have a small flock of sheep we are raising. This spring we bought some peeps, and my daughter, two weeks ago, got an angora rabbit, and, of course, she has a dog and lots of cats.

My husband and I both work full time so there is never enough time to get everything done. We are slowly adding pieces of equipment so the hay that needs to be baled for the sheep can get baled, and the large garden that we plant can get planted and worked.

I found living on a farm is very exciting. If we aren't catching chicks that got out, or sheep and lambs that escaped or going after parts for something that broke, it's not normal.

The recipe that I am sending is very good. Everyone who has eaten it really likes it. I feel guilty that I'm not sending a lamb recipe. The lamb industry in America has a long way to go. I never ate it myself until last year. I found it very good. I have served it to many of my family members, and they find it good also. If people aren't brought up eating something, they don't even want to try it. They just turn up their noses. But some of the ways lamb is prepared you wouldn't know it was lamb.

Greta Dise
Glen Rock

BANANA SPLIT DESSERT PIZZA

Preheat oven to 375 degrees

Filling:
1 14-ounce can sweetened condensed milk
½ cup sour cream
4 tablespoons lemon juice
1 teaspoon vanilla

Mix thoroughly and chill.

Crust:
½ cup butter
¼ cup brown sugar
1 cup flour
¾ cup nuts, chopped

Cream butter and sugar; add flour and nuts. Press into lightly greased 12-inch pizza pan. Bake 10 to 12 minutes or until lightly brown. Cool.

Topping:
3 bananas, sliced
2 tablespoons lemon juice
1 8-ounce can sliced pineapple, drained and halved
½ cup maraschino cherries, chopped
½ cup whole nutes
2 ounces semi-sweet chocolate bits, melted
Whipped cream
Whole maraschino cherries

On cooled crust, place a layer of 2 sliced bananas. Spoon filling over bananas, top with remaining bananas that are tossed in 2 tablespoons lemon juice, pineapple, nuts, and chopped cherries. Drizzle with melted chocolate.

Serve with spoonful of whipped cream and top with whole cherries.

Betty Light
Lebanon

Is this couple guilty of a crime? Kitty and Jim Wagner are dressed as players for a "Who done it" — mystery dinner.

BAKED TUNA PUFF

Mix together:
1 3¼ -ounce can tuna
1 small onion, grated
3 tablespoons mayonnaise
½ teaspoon celery salt
Dash pepper
1 teaspoon Worcestershire sauce

Spread the mixture on 4 slices bread. Put into a buttered casserole dish. Beat together:
3 eggs
3 cups milk

Pour over the sandwiches. Top with grated parmesan cheese and paprika. Bake at 370 degrees for 35 to 45 minutes.

This recipe was handed down by my mother and it is a staple for my seven children, ages 9 to 33 years.

Besides being a mother, grandmother, and working full time at M&M Mars in Elizabethtown, my husband and I enjoy going to a mystery "Who done it" dinner where the guests dress as the players in the plot.

Kitty Wagner
Elizabethtown

STRAWBERRY CREAM PIE

½ cup sugar
3 tablespoons cornstarch
3 tablespoons flour
½ teaspoon salt
2 cups milk
1 egg, slightly beaten

Combine together all ingredients in a pan except the egg. Bring mixture to a boil, reduce heat and stir until thickened. Stir a little of the hot mixture into the egg and pour into hot mixture. Bring almost to a boil. Cool. Whip together:
½ cup cream
1 teaspoon vanilla

Fold whipped cream into pudding mixture. Pour mixture into baked pie shell or graham cracker crust. Refrigerate while making the following topping:
2½ cups strawberries
½ cup water
Red food coloring
¼ cup sugar
2 teaspoons cornstarch

Crush ½ cup berries; add water and cook for 2 minuties. Sieve. Throw cooked berries away. Mix sugar and cornstarch together; add to strawberry water. Cook until thickened. When cool, add remaining strawberries and spread on top of pie. Refrigerate.

My husband Mark and I have been married for 16 years. We have four sons, Mark, 13; Curtis, 10; Joseph, 6; and Luke 2 months. My husband has lived on the farm all his life. He milks 60 cows and farms 200 acres.

Linda Delbaugh
Liverpool

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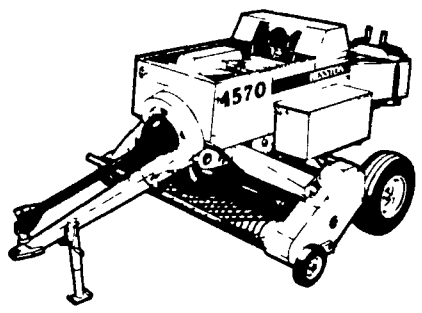

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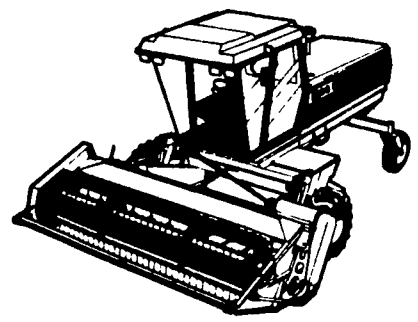

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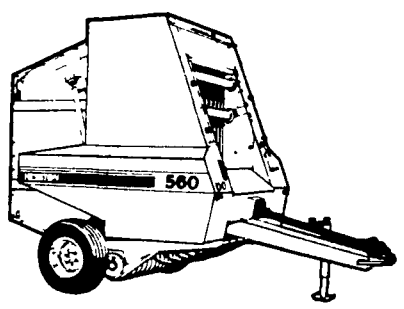
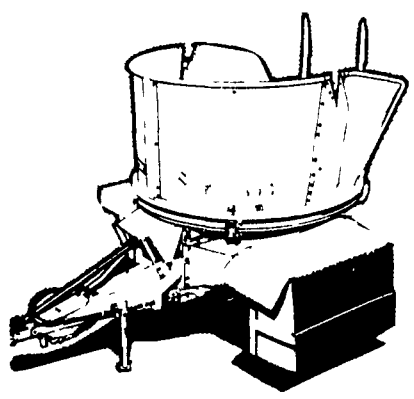


560 Round Baler



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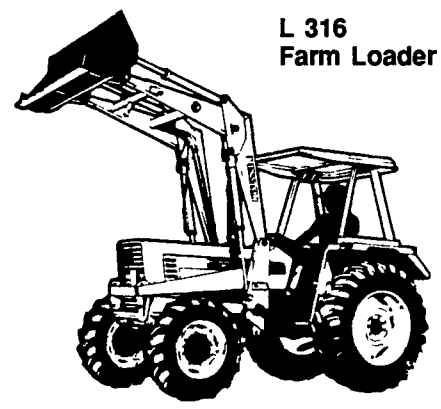

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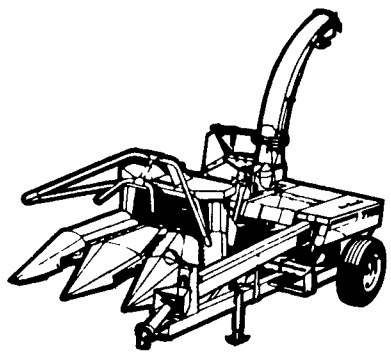

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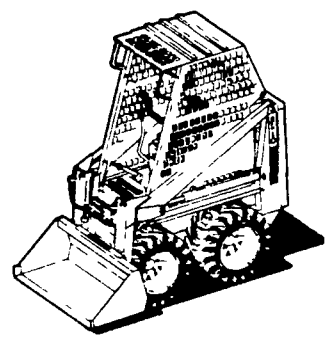

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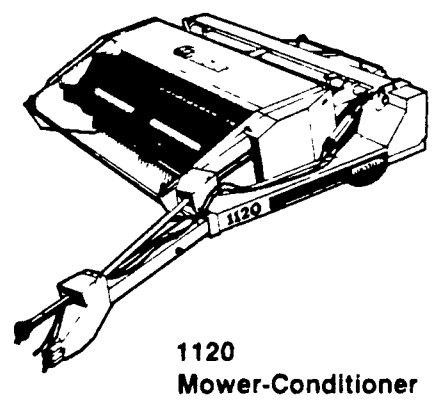

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Cathy Thomas Uses Wasps To Help Tomato Growers

BETH PITZER
Cumberland Co. Correspondent

CARLISLE (Cumberland Co.) — Cathy Thomas, research associate with the department of entomology for Penn State University, has found very positive results using biological pest control.

She is monitoring the population of the whitefly on hydroponically grown tomato plants in cooperation with a Mennonite farm family in Cumberland County. They grow the tomato crop from January to July. Tomatoes are often plagued with the whitefly. The goal, when beginning to reduce the population of the pest, was to have 80% control; they have exceeded the goal by achieving 90% control.

The secret to the success lies in the balance of nature. Cathy ordered a type of wasp, Encarsia Formosa, from Europe to keep the whitefly population in check.

The way the wasp works is fascinating. The Encarsia Formosa is the size of a head of a pin. The wasp neither stings humans nor has other detrimental side effects. A mature wasp injects it's eggs into the larvae of the White Fly found on the back of a tomato leaf. As the wasp's larvae matures, it then replaces the larvae of the White Fly. It keeps the White Fly in check through it's reproductive cycle.

Cathy shared two ways she checks on the population of the whitefly. First, she places sticky yellow cards in the Greenhouse. White Flies are naturally attracted to the yellow color. She counts the population on each card. Another way is to scout 25 tomato plants a week, or 3% of the crop. This enables her to look at the way the Encarsia Formosa is following the whitefly. When the larvae on the back of the leaf look black instead of the original white color, it's clear that the wasp has replaced it's eggs. When they are white, the original White Fly larvae remain.

This is something new for most American Farmers as chemical pest control is ordinarily used rather than biological pest control. Cathy prefers working with the biological methods rather than the chemicals for several reasons. It's safer for the environment and for humans.

Since whiteflies have become more and more resistant to certain chemicals as a form of pest control, stronger and stronger chemicals are needed to control them.

When insects are controlled biologically, consumers don't have the residue of chemicals when eating their product. Greenhouse workers at work and children who may be in the greenhouse aren't exposed to high levels of the chemicals.

Cathy took a course in integrated pest management earlier in her career. She finds it exciting to see the reality and the successfulness of her classroom studies.

Cathy's use of the wasp to control the white fly in tomatoes is the first experiment in the Cumberland area. The Encarsia Formosa is being used not only on tomatoes in Cumberland County but also on poinsettias in Cumberland and York Counties. All of the research is with actual growers and with saleable crops. There hasn't been one failure. Cathy sees biological pest control as the future in crop management.

She'd like to see expanded research and ways of using biological pest control on more plants. Her goal is to help other growers use the new methods. She's currently developing a video showing grower's reactions that will be used to entice other growers to use the techniques. She hopes that next year's grant will be funded to research other insects and further biological pest control.

Cathy Thomas examines tomato plants to see if the wasp is doing its job.

Farm Women Societies

Lancaster Society 25

The Society of Farm Women 25 met May 11 at the home of Mary Roland, Lancaster. Eleven answered roll call by naming a flower with the first letter beginning with the first letter of the individual's name.

Members made favors for a rest home.

The next meeting will be held June 8 at the home of Emma Goss, Millersville. Members will need to answer roll call by telling how or where they met their spouse.

Lancaster Society 14

Lancaster Farm Women Society 14 traveled to Pittsburgh on April 8 for a two-day visit. They learned that the city has 1,730 bridges. Members visited the National Classroom of the University of Pittsburgh.

When members planned their itinerary to include a visit to the Heinz Memorial Chapel, they did not expect to see Senator Heinz's body would be laying in state. Members paid their respects to Heinz's family members.

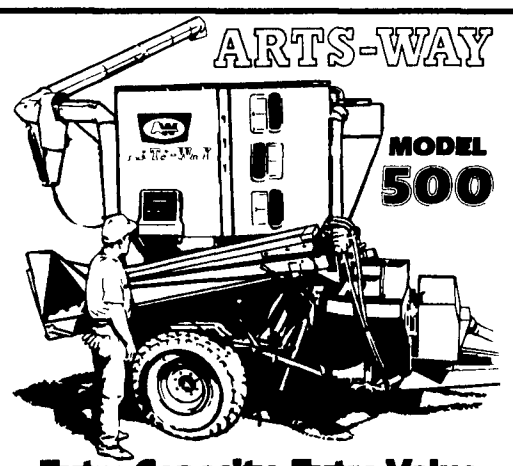
Sightseeing included the Duquesne Incline, dinner at the Grand Concourse Restaurant, the annual spring flower show at Phipps Conservatory, Gateway Clipper boat ride, Sherms Edwards Candy Factory, and shopping.

On May 7, members held a mother-daughter banquet at Yoder's Restaurant. Entertainment included Professor Drake and the Quack-Quacks. This unique group of ladies are 70 to 88-years old. They sing, recite, and play slide trombones.

On June 12, members will meet at the Farm and Home Center, Lancaster.

June Is Dairy Month.

ARTS-WAY



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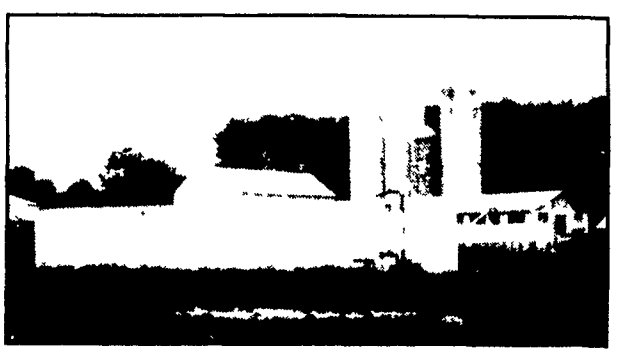

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Three To Vie For Dairy Princess Title

SOUTHAMPTON (Bucks Co.) — Three contestants will compete in the 1991 Bucks-Montgomery Dairy Princess Pageant which will be held on June 1 at the Richland Mall in Quakertown.

The pageant, a kickoff to June Dairy Month, will begin at 7:30 p.m. with the introduction of the three contestants — Heather Derstine, Tanya Martin and Brenda Wolfgang. During the pageant, each contestant will be asked an impromptu question and will present a 3- to 5-minute speech or skit on dairy promotion. Judging will also be based on a personal interview with a panel of three judges.

Heather Derstine, 18, is the daughter of Ivan and Lorene Derstine of Harleysville. A 1990 graduate of Christopher Dock High School, Heather is employed full time at Merry Mead Farm where she is responsible for milking, calf care and farm tours. This fall, Heather plans to attend college part time. In addition to her work, she teaches Sunday School and Summer Bible School.

A sophomore at Delaware Valley College, Tanya Martin is studying dairy science and is a member of the college's Dairy Science Club. The 18-year-old daughter of Starr Martin of Walnutport in McKean County, Tanya is employed at Holly Hill Farm in Ottsville. A 1990 graduate of Port Allegany High School, Tanya was a member of the National Honor Society, student government, SADD, chorus and the tutoring program. She was a former president of her 4-H dairy and livestock clubs.

Brenda Wolfgang, 18, is the daughter of Robert and Gail Wolfgang of Bechtelsville. A 1990 graduate of Boyertown Area High School, Brenda will begin her second year of studies at the State University of New York — Cobleskill. A dairy management and production major, Brenda was a former president of the Montgomery County 4-H dairy club and a member of the dairy judging team. In 1991, she was the recipient of a 4-H Keystone award for dairy and personal development. She currently is a member of the Pennsylvania Junior Guernsey Association and the Junior Holstein Association. The Wolfgangs raise a herd of 24 Guernsey and Holstein cattle, of which nine are owned by Brenda.

Contestants for the 1991 Bucks-Montgomery Dairy Princess Pageant are, from left, Tanya Martin, Brenda Wolfgang and Heather Derstine.

The new princess and two alternative princesses will be crowned by the 1990-1991 Bucks County Dairy Princess, Mary Beth Landis of Perkasie. Mary Beth will give her farewell address, outlining her dairy promotion activities during the past year.

Prior to the pageant from 4:30 p.m. to 7 p.m., mall shoppers and pageant attendees will be treated to free ice cream as the Bucks-Montgomery Dairy Promotion Committee sponsors a "make-your-own-sundae" promotion. Participating in this event in addition to the three contestants will be this year's Dairy Ambassadors — Danielle Breaux, 14, daughter of Al and Nona Breaux of Salfordville; Gail Moyer, 14, the daughter of Nevin and Louise Moyer of Perkasie; and Katie Sterner, 13, the daughter of George and Linda Sterner of Bechtelsville. The Dairy Ambassador program is open to girls and boys between 13 and 15 years of age who are interested in promoting milk and dairy products.

For more information about the 1991 Bucks-Montgomery Dairy Princess Pageant, contact Laura England, chairman, at (215) 322-0200, or Linda Sterner, vice chairman, at (215) 754-6241.

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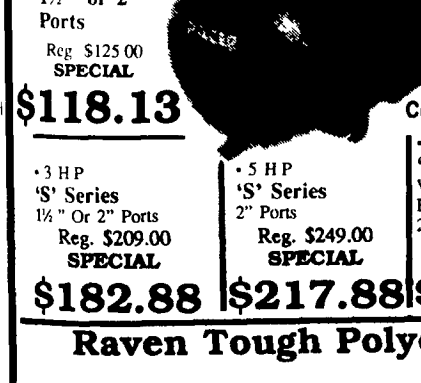

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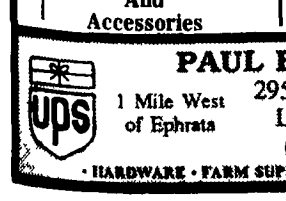

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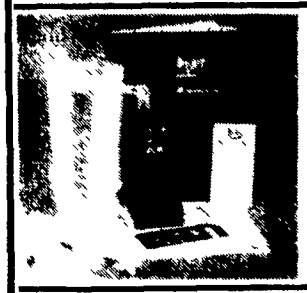

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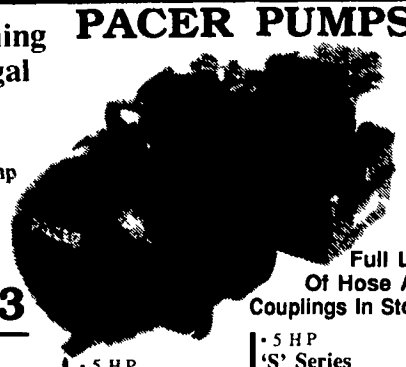

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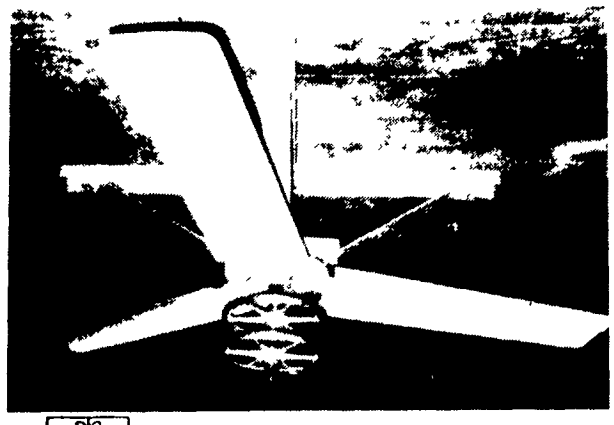

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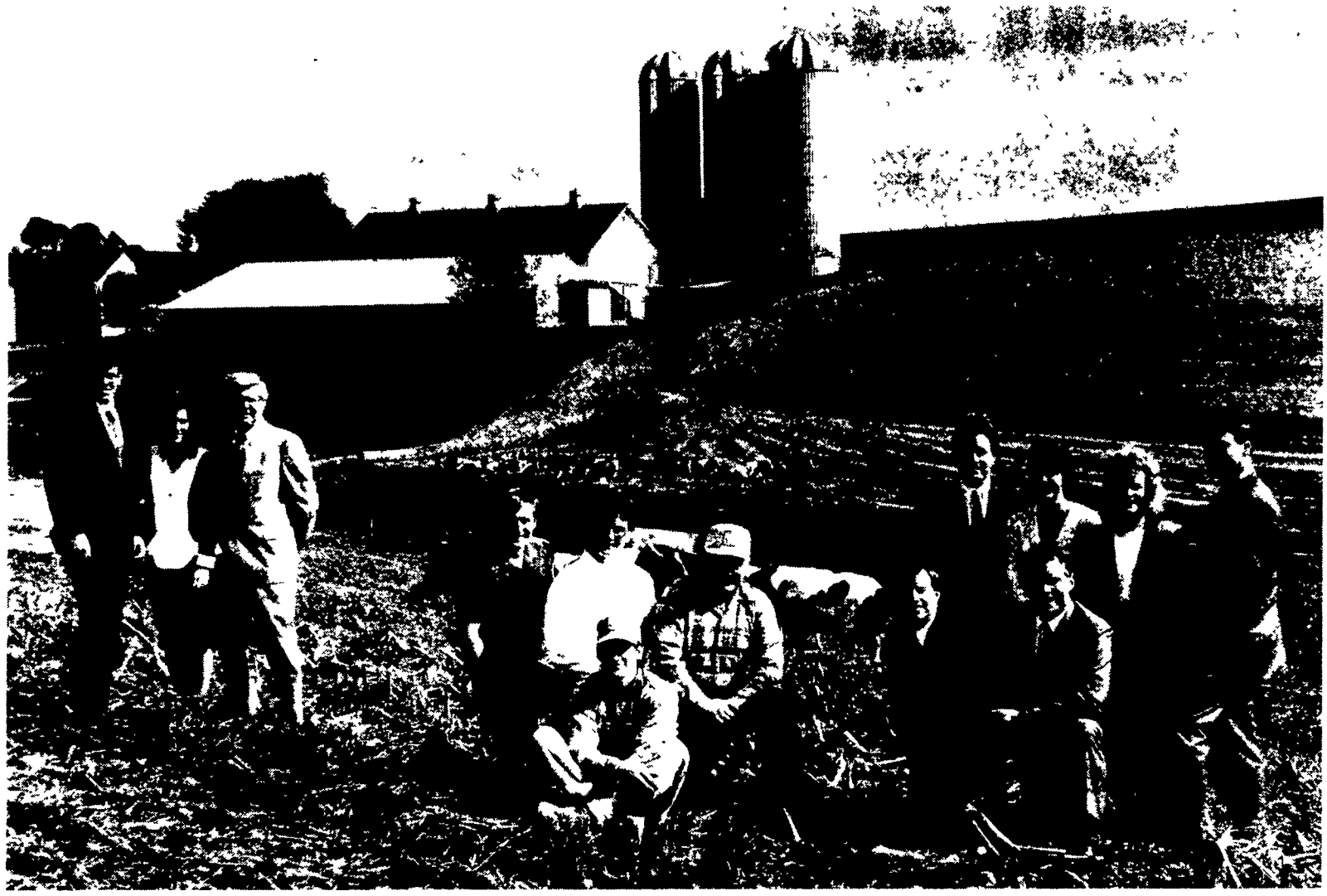

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A SALUTE TO DAIRYMEN. EVERY MONTH IS DAIRY MONTH WITH US.

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Contact your local office for complete details on Hamilton Agri-Finance Programs.

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A COMMITMENT TO AGRICULTURE.

The Hamilton Bank Agri-Finance Department Team, (left to right) Darvin E Boyd, Senior Vice President and Director, Jeffrey R Troutman, Assistant Vice President, John E Moose, Vice President and Assistant Director, Roger Rohrer, Vice President, Ted Bowers, Agri-Finance Officer This team is supported by another knowledgeable team of bank Marketing Managers, working with you throughout Hamilton Bank's seven county servicing area

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Your friend from Hamilton Bank knows that with the value of agricultural production rising every year the need for capital goes up with it. Therefore, the need for sound financial planning rises, too. He will work with you on the full range of financing, credit, trust and estate services, designed to help your business

Hamilton Bank's business is to tailor a program to fit your needs...comfortably.

If you believe that agriculture is still the backbone of America, talk to your friend at Hamilton Bank. You'll find he feels the same way

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Ida's Notebook

Ida Risser

Our youngest grandson is almost six months old. He is the first of our grandchildren to be born in Lancaster County. He is the first one that we can watch grow from day to day.

He is definitely being raised in a farm environment. Many hours are spent in the milkhouse and in the barn as his mother mixes the feed for the 100 some dairy animals. Sometimes he is in a backpack as she milks the cows.

And, he seems to thrive on his outdoor life. Often, on a cool morning he will be sitting in his infant chair near the barn watching the black and white calves or the black and white cats. They seem to enjoy watching him also as he kicks and jumps.

He is as big as most one-year-old children — it helps to have tall parents. Occasionally my husband and I get to take care of him in the evening as his parents put some loads of alfalfa or triticale in the big silo. We have a crib in the corner of our large kitchen but it doesn't get used very often.

His bottle can be warmed in the hot water at the milkhouse and he has learned to eat cold baby food from jars. I always though of my babies as more fragile, and I kept them in the house. Of course, sometimes when the weather was nice, I'd put their basket or playpen on the porch. I remember one time that a baby about seven months old tilted the basket on legs, as it sit in the yard, and fell out screaming. I was in the garden and I jumped over three of my four-foot pea fences to get to him. He was simply scared. Today I'd probably go around instead of over those fences.

Farm Women Societies

Lebanon Society 20

Lebanon Farm Women Group #20 met May 13 at the home of Ruth Lefever.

She read some verses from I Corinthians 13 and a poem titled, Mother's Day Bouquet.

Members responded to roll call by answering the question, "Have you ever had your water tested?"

Dennis Hoke presented a program on water quality. He answered questions and showed slides. He also had a variety of pamphlets and literature available.

President Linda Himmelberger reported on the state board meeting. Four $500 scholarships are available.

Members will be having the food stand for the FFA Dairy Show at the Lebanon Area 4-H Fairgrounds.

The next meeting will be held June 10 at Billie Hill's.

Berks Society 1

The Society of Farm Women of Berks County Group 1 held its May meeting at the home of Donna Hetrick, Oley, for fun night. Eighteen members attended.

State cookbooks will be sold for $15 at the Spring Rally on May 23.

Group I received a certificate at the volunteer dinner held by Berks Heim.

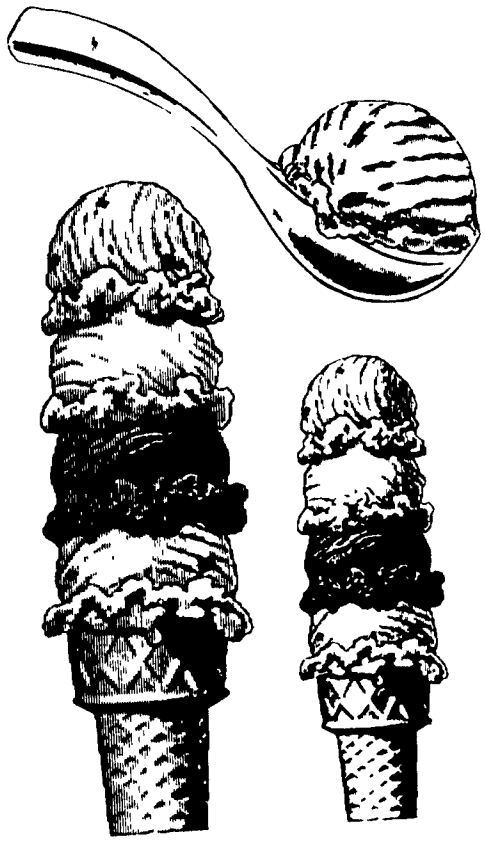
The County Convention is set for October 5 at Hagg's Hotel, Shartletsville.

Volunteers are needed to help Ruth and Dot at the Scenic River Festival on July 24 to 28.

Craig Shergold is a 7-year-old boy with a brain tumor. His wish is to receive the most get well cards. Send them in c/o Children's Wish Foundation, 3220 Perimeter Center East, Atlanta, GA 30346.

The summer picnic will be held on August 18 at Levengoods.

Members will help at Berks Heim Festival on June 1.



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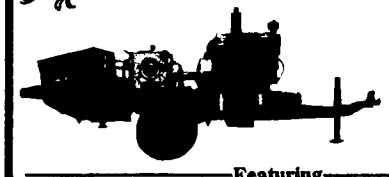

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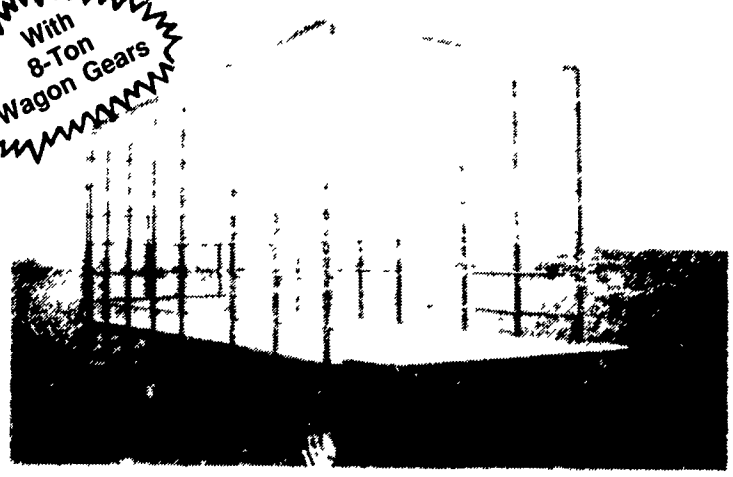

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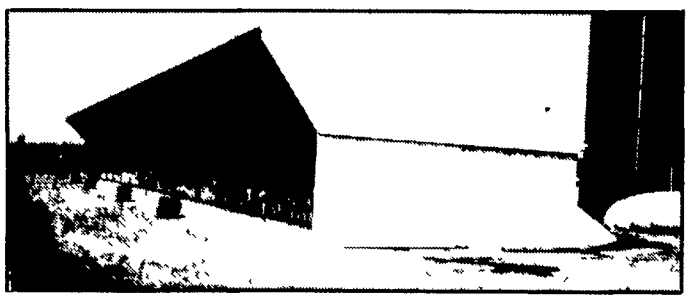

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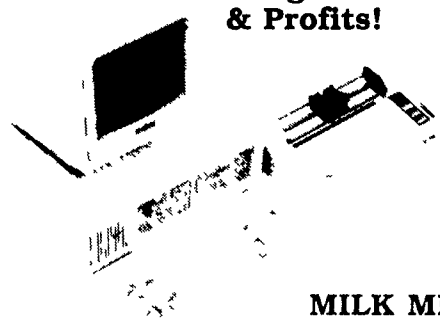

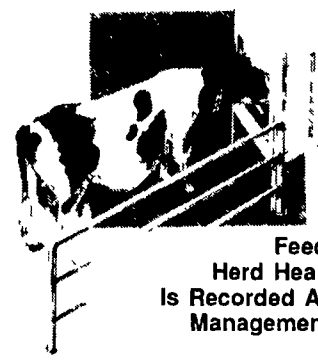

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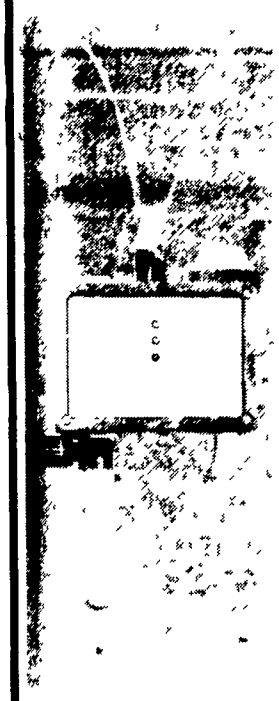

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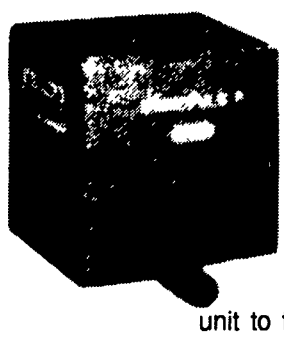
And STIMOPULS "P"



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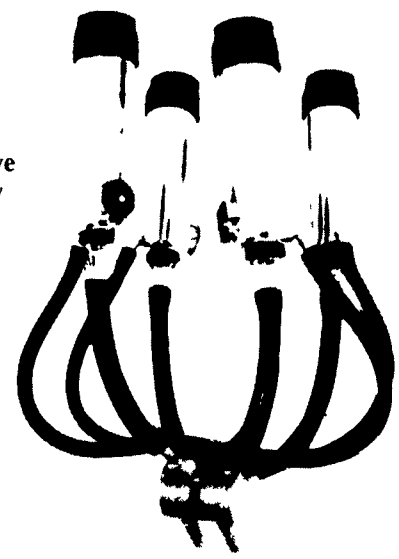

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Woodlands, Hedgerows Should Be Preserved, Says Winner

CONNIE LEINBACH
(Berks Co. Correspondent)

ELVERSON (Chester Co.) — Those hedgerows along a field of corn or alfalfa, though they may be seem to be a jumble of weeds and brambles, harbor precious wildlife, said a Twin Valley High School senior who recently won first place in a statewide Game Commission contest.

Dwindling woodlands and hedgerows, which are homes for ring-necked pheasants, should be preserved as much as possible, said Dave Rost, 18, already an accomplished forester.

Rost's record of his activities improving wildlife activity around his Elverson R.D. 2 home last year won top honors in the state over about 20 other contestants.

Robert L. Prall, a state conservation officer, said Rost had to make up an outline, follow it through, and keep a record of his efforts, including photos.

On a recent tour of his home, Rost, an FFA member since ninth grade, pointed out all the work he did.

Rost knows the whispering woods around his house the way suburban kids know every alley and sidewalk in their neighborhood. Every day after school he worked at his solitary stewardship of his woods.

About his only other interest, he said, is volunteering for the Elverson and Glenmoore fire companies. An ever-present beeper on his belt attests to that fact.

His winning logbook, a three-ring binder, holds a sheef of papers detailing what he wanted to do, what he did and what he observed.

Over the year, Rost built brush piles around his woodland house simply by cutting down old trees. Instead of burning the limbs or otherwise disposing of them, he criss-crossed them into a pile about five feet tall.

Around some of the piles he planted green briar or black raspberry bushes to fortify them. As nature takes her course in overgrowing such piles, they become attractive to rabbits, and small brush birds, such as the wood thrush, whose flute-like chirp is the song of the woods. Foxes also like hedgerows, as do oppossums, Rost said.

Of course, farmers may not think too highly of preserving those wild animals that regularly attack crops — rabbits, for instance. But deer do more damage to corn, soy and alfalfa crops, Rost admits.

To help increase the pheasant population, Rost suggested that farmers delay harvesting their hay about a month until pheasant eggs can hatch. Pheasants lay their eggs about 15 feet from hedgerows, he said. A month after hay cutting time is when the pheasant mothers lead their young out of the fields and into hedgerows.

Roaming over about a two-mile area, with his neighbors' blessing, all last year, Rost worked at improving nearby ponds and swamps for wildlife using brush piles and birdboxes. All told, he spent about 250 hours on his project.

Last year, his record book won first place in the southeast region of the state. In 1988, he placed third in the state.

"I just thought it was my turn," he said about finally winning the statewide honor.

When his family moved to the eight-acre site several years ago, he said his father, Paul, noticed a decline in wildlife, principally squirrels and foxes.

"There were only two pair of squirrels," Rost said, noting that squirrels travel in pairs. "Now there are six pairs."

Along the cornfield in front of his house, he and his older brother cut down a small section of the brambly border in front of the woods.

Border cutting is good, he said, because it allows more sunlight to get to the trees.

"But you shouldn't cut down all of your border," he said — again, because a lot of small wildlife live there.

He cut this area specifically to plant trees.

He indicates about 25 Chinese chestnut tree seedlings that are about two years old. These, he said, will be replanted next year around his house for shade.

Dave Rost, 18, a Twin Valley High School senior, stands by one of the bluebird boxes he made for his FFA forestry project in which he placed first in a statewide Game Commission contest. Rost shows how he cut away some of the brushy border along his woods so that he could plant trees, such as Chinese chestnuts, white pine and blue spruce. Though cutting a border helps bring more sunlight to the woods, it should be done sparingly as it is a habitat for many small woodland creatures and birds.

Chinese chestnuts, Rost explained, are more resistant to the blight that has almost decimated the American chestnut tree population.

Several rows of white pines — a favorite food of deer — grow in the border. There are also a few blue spruce.

"I've lived in the woods all my life," Rost said about his passion for the woods.

Rost plans to attend the Pennsylvania School of Tehnology in Williamsport next year with a major in forestry. After that, Rost hopes to get a job as a forester with the state Game Commission or in the state Department of Environmental Resources.

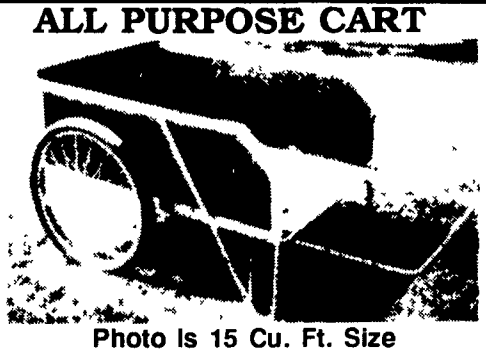
Recently, Rost was one of a team of five Twin Valley students who won first place at the annual Envirothon, a countywide student competition, which was held in April at the Nolde Forest Environmental Education Center in Cumru Township. It was the fourth year the school won top honors in this event, in which participants have to identify different types of animal furs, trees, reptiles, soils and bird calls.

Twin Valley's Green Team will compete at the state level June 14 and 15 at Bald Eagle State Park in Centre County.

Rost's agriculture teacher, Ronald Frederick, wanting the kids to get the spotlight, declines to take any credit for his students' excellence in forestry. He said, "Forestry is one of my pet areas.

"When you look at the woodlands around here, they really are valuable," he said. Not just the huge, old oak trees that may themselves be worth several thousand dollars, he said, but for the maintenance of wilderness for future generations.

ALL PURPOSE CART



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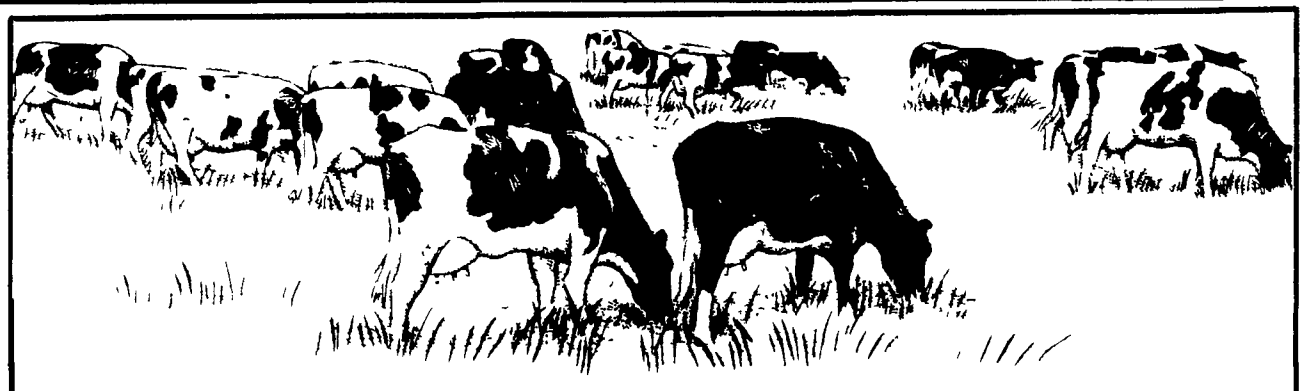

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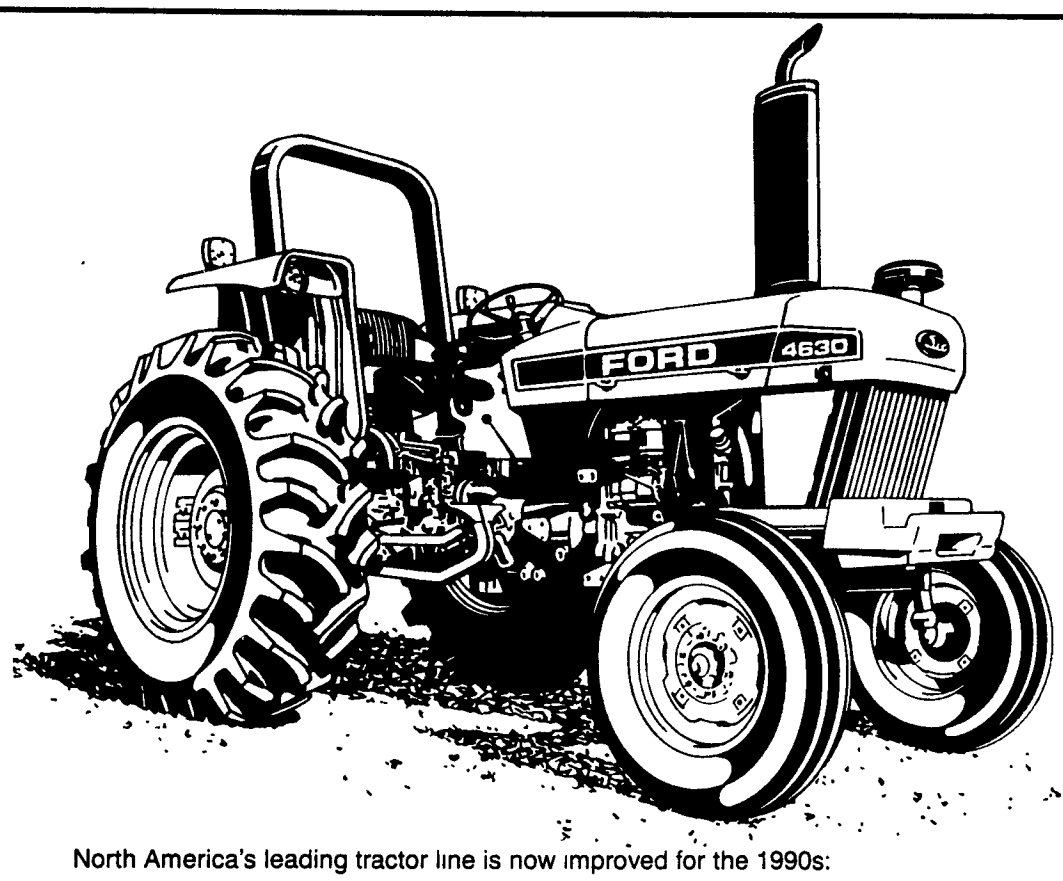

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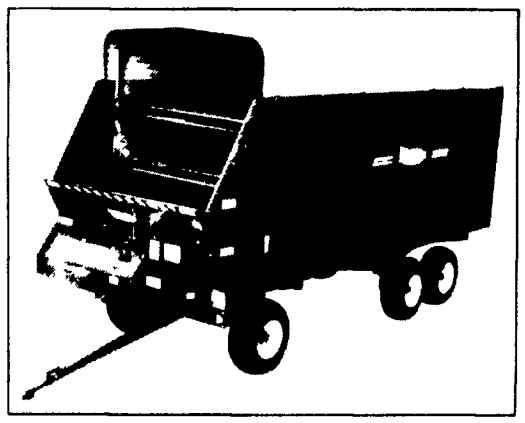

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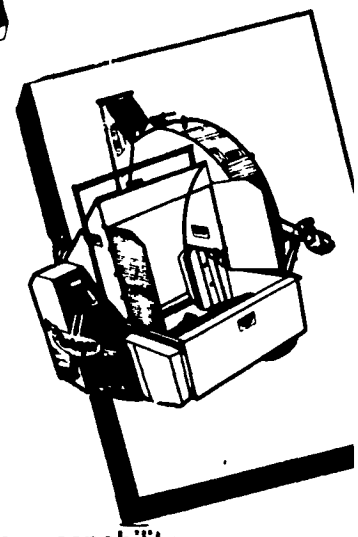

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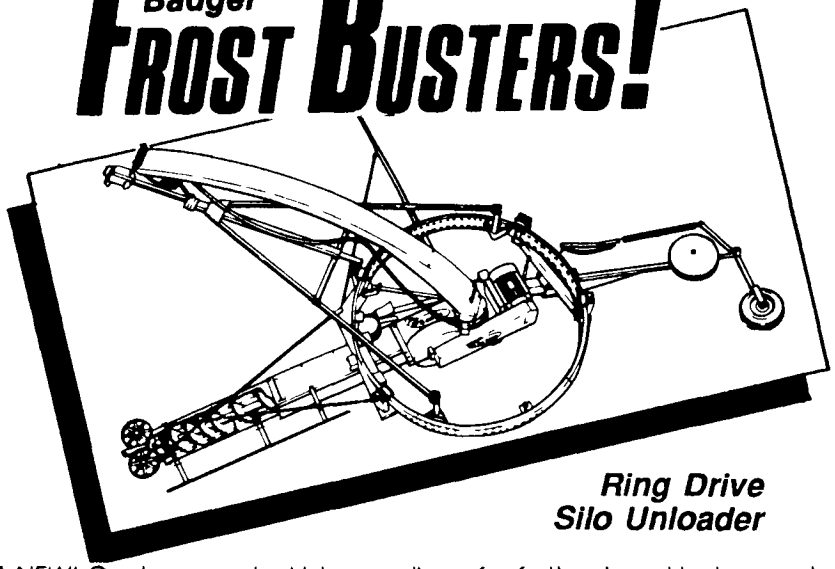

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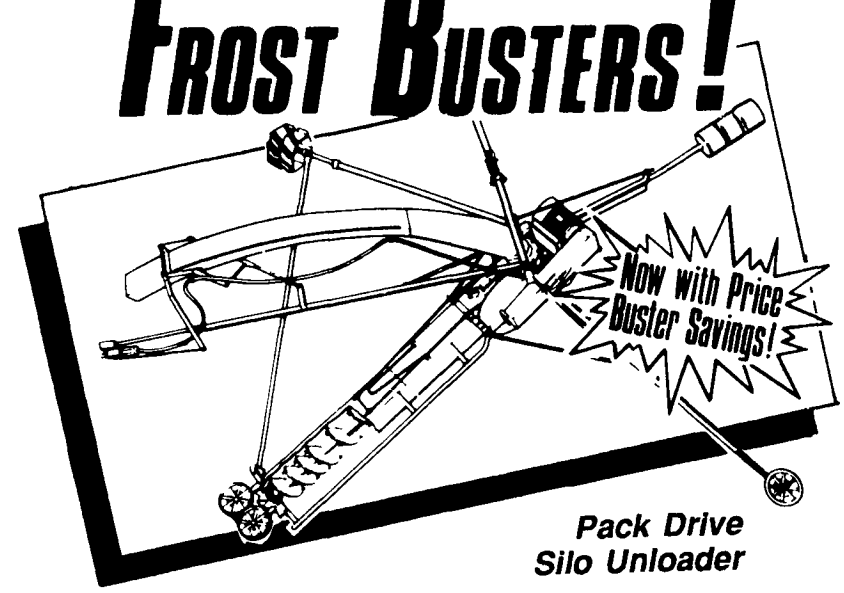

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Dauphin County 4-H'er Attends National Conference

HARRISBURG (Dauphin Co.) — A smile spreads across her face, her eyes sparkle with excitement, and there's a lilt in her voice as Hakeera Singleton, Harrisburg, talks about her experience as a delegate to the 61st National 4-H Conference in Washington, D.C. Held at the National 4-H Center, the conference provided a forum for more than 300 4-H members, volunteer leaders and extension staff (from 46 states, the Virgin Islands, Puerto Rico, Canada, and the Soviet Union) gathered to chart future directions for the nationwide 4-H educational youth program of the Cooperative Extension System.

Visiting Capitol Hill was one of the highlights for Hakeera. Although Representative Gekas was not available, she was able to spend time with his aids. She said," I was so proud! I felt really important. Before I got there the aids had research me and knew all about me! They were so nice, they made me feel welcome."

While conversing with them Hakeera stressed the importance of the 4-H program for youth-at-risk and encouraged Gekas to continue with monetary support.

Other opportunities while at the conference included touring the Smithsonian, a visit to the White House, and attending a Dinner Theatre with musical "Seven Brides for Seven Brothers," a "Clover Bowl" contest, other entertainment, and a "night tour" of the Nation's Capitol.

Hakeera Singleton

The annual Clover Ball, stage at INTELSAT was a highlight for Hakeera. She said, "It was so neat! It was held at a place that conserved energy and used the sun as heat!" At times, her enthusiasm got in the way of her tongue. "The whole opportunity was exciting!"

Besides all the learning opportunities, Hakeera also enjoyed the social interaction. Her eyes glistened as she shared the moments she spent meeting other 4-H'ers from Pennsylvania as well as the rest of the country.

Back home Hakeera, a junior at John Harris High School, is very active in her school and community. She credits the support of her family to her various talents. "A lot of kids don't have positive self-esteem and family support. I feel very fortunate to have a supportive family," she said.

Her various extracurricular activities include being part of the 4-H theater-arts program directed by Ms. Helen Riley, Dauphin County 4-H agent. "4-H helps a lot 'cuz it works on self-esteem! Ms. Riley is really helpful," she said.

Hakeera, who wants to either be a social worker or home economist, shares her vigor for life by being a teen mentor at the Hamilton Health Center. Her role is providing support to other teens who are having difficulties in life and may not have the family support they need. She is also a teen member at the Neighborhood Center and sings in the church choir. At school Hakeera is on Student Council, in Peer Leaders, and the Naval Junior Reserves Officer Training Course.

With her broad background and sincere interest in the 4-H program, Hakeera was a very qualified delegate from Dauphin County. Her trip to Washington, D.C, was sponsored by Dauphin County 4-H Clubs, Inc.; and Pennsylvania Friends of 4-H through the support of Farm Credit of Pennsylvania and Farm Credit Bank of Baltimore providing scholarships for Pennsylvania 4-H members attending National 4-H Conference.

4-H HAPPENINGS

Adams County 4-H Members Go To Harrisburg

Three Adams County 4-H members attended State 4-H Capital Days in Harrisburg April 8 and 9.

The three county 4-H teens joined more than 200 4-H teens from across the state as they reviewed state government in action.

The objectives of the event were to provide an experience for 4-H members to help them better understand their roles as citizens of Pennsylvania.

Those attending from Adams County were: Maribel Gabrielson, Abbottstown; Abe Bucher, New Oxford; and Brady Carey, York Springs. These members will have breakfast with Representatives Ken Cole and John Broujos and Senator Terry Punt. Each 4-H member received a $30 registration scholarship from 4-H Clubs of Adams County, Inc.

The 4-H members toured the Capitol Building, visited legislators' offices, and toured the governor's home.

Norlebco 4-H Dairy

The Norlebco 4-H Dairy Club held a meeting on April 5. Members re-enrolled in the 4-H club, and a movie about feeding and herd health was shown.

John Bomgardner informed the group about the new rules and regulations for the county and district shows.

Terry Hill announced that two open houses will be held in June for non-farm people and that help is needed to carry out these events.

Election of officers was held for the upcoming year. The new officers are Karen Lentz, president; Ricki Bashore, vice-president; Bryan Hostetter, treasurer; Jenny Bashore, secretary; and Terry Hill, news reporter.

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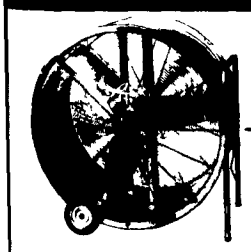

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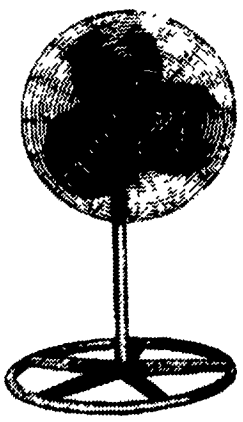

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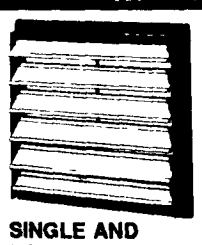

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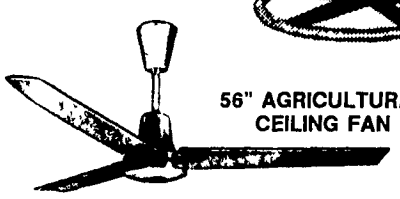

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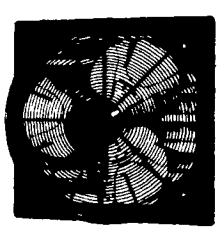

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On being a farm wife - And other hazards

Joyce Bupp

It was no accident that put the words "spoon," "croon," "moon" and "June" together in one of the old-fashioned love songs - though for the life of me I can't seem to remember which one.

Is there a sweeter, softer, more romantic month than June?

Just a mention of June conjures up visions of colorful blooming roses, juicy-sweet strawberries, screamingly-gleeful kids rejoicing in three-month freedom from school, and, of course, beautiful weddings. What's more synonymous with June than lovely, touching weddings.

Brides in trailing, shimmering white half-hidden under clouds of net veil, on the arms of proud daddies fighting tears. Grooms standing nervously at the altar, self-conscious in tuxedo grandeur. Newly-joined couples fleeing to a new life together through showers of environment-friendly birdseed.

June is also Dairy Month. And while we're diminishing in number, there will still be a minority of these June dairy/wedding month brides promptly joining our ranks as dairy farm wives.

Addressing this issue is a cartoon I clipped some time ago, a small slip of paper whose message hangs by the desk. Drawn by artist Jerry Palen in his rural Stampede series, the cartoon shows three women laughing so hard that the coffee and cookies on their table are flying about. Its simple punchline reads "....And then the new bride said, 'how much do farm wives get paid?'"

While there may be some among our ranks who receive a periodic paycheck for their family dairy farm labors, this isn't the norm among my acquaintances.

Most of us pitch in with farm chores not for pay, but out of love.

It's out of love that we abandon laundry and lunchmaking to buckle kids into the back seat of a car and drive 50 miles for an O-ring and a sprocket. One of which will, in all probability, be one size off when he goes to install it in the broken tractor.

It's out of love that we, as silently as possible, slip late into church, farm meetings and weddings because some overdue bovine decided it was her time to deliver a big, backwards, bull calf.

It's out of love that you allow into your relatively clean family car the likes of grease guns, bags of alfalfa seed, rolls of baler twine and a pair of new, on-sale manure forks that have to be wedged crosswise behind your head to fit the interior.

It's out of love that you dash out of bed in the middle of a damp, fall night to chase heifers through stands of corn two feet taller than you.

It's out of love that you learn to see fresh cow plops in your cantaloupe patch not as an irritation but as handy plant nutrients for future crops.

It's out of love that you sweep a dustpan's worth of haylage droppings off the kitchen floor mid-morning, knowing that two hours later they'll again track that much, or more, in at dinner.

It's out of love that you lend a hand to keep the kids 4-H show clothes sparking white and their project heifer a shiny, sleek, brushed black.

It's out of love that you stand in sub-freezing weather to sketch for registry a paint-splatter-marked calf whose sole purpose in life is to gnaw through your back pocket.

It's out of love that you learn to milk and bale, raise kids and calves, lug laundry, groceries, and bags of calf feed, and attend meetings to educate yourself on topics like feed rations, heat detection and milk marketing.

And, while there may be days when you wonder why you do these things, remember: it's out of love. So, sometimes the most important priority has to be on the "spoon, croon and moon" in June. And every other month of the year.

Otherwise we'll all just be like the second Jerry Palen cartoon I treasure, one in which a farmer observes to his disgruntled farm wife: "You can't quit! Who am I gonna get to work these ridiculous hours?"

Strawberry Social

(Continued from Page B2)

that includes 18th century tombstones and the fertile farmland of the Brubaker Valley.

A small, simple, two-story brick structure with three entrances and gracefully arched windows and doors, the church is clearly the product of a different era, almost as though it has been forgotten in time.

In a sense it has been forgotten because no finite congregation has sat in its pews since the late 1940s, for many years had been completely abandoned, and in recent years only visited by groups of people a few times in the year, primarily temperate months.

If a view of the exterior doesn't emote a sense of history, the opportunity to glimpse at the interior certainly will. Inside are four sections of hard, wooden straight-back pews with precious little space between each row, time-worn floorboards, and at the front an imposing, stately wine-glass pulpit embellished by a tall sounding board and canopy.

The church is open to the public every Sunday in August from 2 to 4 p.m., when a church board member serves as a host.

On the second Sunday in September, one of the two annual religious services is conducted. A visitor with a little imagination can almost picture himself as a 19th century parishioner come to Sunday service. A gentle air, buzzing flies, and doors open to the weather are all a part of the aura.

The last event of the year is the Carol Sing in December. Visitors must dress in layered clothing, wear warm footwear, and bring a pocket flashlight.

To visit the church, travel 501 about 5 miles north of Lititz, turn right (east) on Brubaker Valley Road and left (north) on Reifsnyder Road. As you come to the top of the hill, history awaits you.

For anyone who has even a little appreciation of history, the site is worth visiting when the opportunity arises. Tours for organizations are available throughout the year by calling Lynn Rossi at (717) 626-6477.

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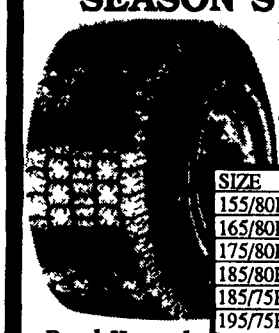

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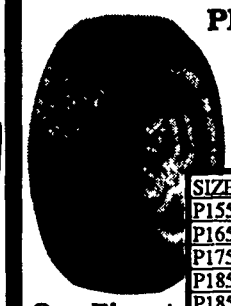
TRAIL CUTTER P-METRIC RADIAL A/P

2 Polyester Cords, 2 Steel Belts, Outline White Letters, M&S Rating

SIZE	LR	COST
P205/75R15	SL	64.00
P215/75R15	SL	69.00
P225/75R15		73.00
P235/75R15	SL	75.00
245/75R16	E	114.00
225/75R16	D	94.00
265/75R16	C	98.00
8R19 5	F	116.00

GRANDEUR PREMIUM ALL-SEASON STEEL RADIAL

Polyester Body Plys
2 Steel Belts, Radial Construction
Whitewall



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P155/80R13	47.00	P215/75R15	66.00
P165/80R13	48.00	P225/75R15	69.00
P175/80R13	50.00	P235/75R15	72.00
P185/80R13	53.00	P185/70R13	53.00
P185/75R14	54.50	P185/70R14	54.50
P195/75R14	57.00	P205/70R14	60.00
P205/75R14	60.00	P215/70R14	64.00
P215/75R14	64.50	P215/70R15	66.00
P205/75R15	61.50	P225/70R15	69.00

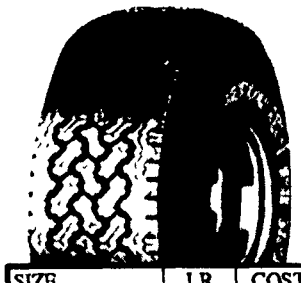
STEEL BELTED METRIC RADIAL

Road Hazard

Polyester Cord, 2 Steel Belts, M&S Rated, Blackwall

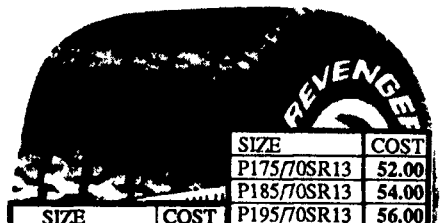
SIZE	COST
155 SR12	30.00
145 SR13	33.00
155 SR13	34.00
165 SR13	35.00
175 SR14	39.00
185 SR14	39.00
165 SR15	39.00
175/70SR13	38.00
185/70SR13	39.00
185/70SR14	42.00
195/70SR14	45.00
205/70SR14	47.00

STEEL RADIAL



SIZE	LR	COST
750R16	D	95.00
800R16.5	D	88.00
875R16.5LT	D	97.00
9.50R16.5LT	D	108.00
215/85R16	D	89.00
235/85R16	E	104.00

STEEL BELTED RADIAL REVENGER



SIZE	COST
P205/60SR13	60.00
P215/60SR14	66.00
P235/60SR14	73.00
P245/60SR14	76.00
P235/60SR15	74.50
P245/60SR15	80.00
P255/60SR15	81.00
P275/60SR15	90.00

SIZE	COST
P175/70SR13	52.00
P185/70SR13	54.00
P195/70SR13	56.00
P185/70SR14	57.00
P195/70SR14	60.00
P205/70SR14	61.00
P215/70SR14	67.00
P225/70SR14	69.00
P215/70SR15	70.00
P225/70SR15	72.50
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VISA DISCOVER

FFA HAPPENINGS

Elizabethtown FFA Awards Members

On May 14, the Elizabethtown FFA Chapter bestowed awards on 33 FFA members and also people in the community who have had a great role in helping the chapter this past year. The 32nd annual awards banquet was held at the Black Bear Inn in Elizabethtown.

Elizabethtown FFA recently held their awards banquet. From left, Keith Erikson, Ag Computers Award; Dave Henisee, chapter sentinel; Jason Wolgemuth, treasurer; and Matt Espenshade, DeKalb Award winner.

The evening started with the official FFA opening ceremony, which is a role call of all the chapter officers. The ceremony was followed by a welcome from the chapter president, Heather Henisee.

After the banquet meal, Janelle Wivell, chapter secretary, introduced Greg Harnish, the guest speaker for the evening. Harnish is the state FFA vice president.

Dr. Dustin Peters, Elizabethtown High School principal, presented the Dekalb Achievement Award to Matt Espenshade.

Fourteen FFA members received a Greenhand Award. Paul Herndon, assistant principal at Elizabethtown, brought greetings from the school followed by an excellent speech from Greg Harnish. After Al Martin, an FFA advisor for the chapter, presented the Outstanding Service Award to Andy Snavely and Chris Geesey, the chapter officers conducted the chapter degree ceremony. FFA members meeting specific qualifications received this award for continuing their support for the FFA.

Matt Espenshade, vice-president; Jason Wolgemuth, treasurer; and Jerry Wyble, guidance counselor and former FFA advisor, presented 10 Proficiency Awards. This award is given to FFA members for exceptional progress in specific agricultural occupation objectives.

Awards were presented at a recent Elizabethtown FFA banquet. Left to right, Peter Hoffines, Star Greenhand; Greg Harnish, state FFA vice president; and Dave Henisee, Star Chapter.

The Blue and Gold Award was presented to Kenneth Long from Elizabethtown. The chapter officers each received a Retiring Officer Plaque.

The chapter officers are: President Heather Henisee; Vice President Matt Espenshade; Secretary Janelle Wivell; Treasurer Jason Wolgemuth; Assistant Treasurer Tina Umbrell; Reporter Amy Espenshade; Sentinel Dave Henisee; Chaplain Peter Hoffines; 12th grade Vice President Keith Erikson; 11th grade Vice President Scott Messick; 10th grade Vice president Bryan Teets; and 9th grade Vice President Jason Brandt.

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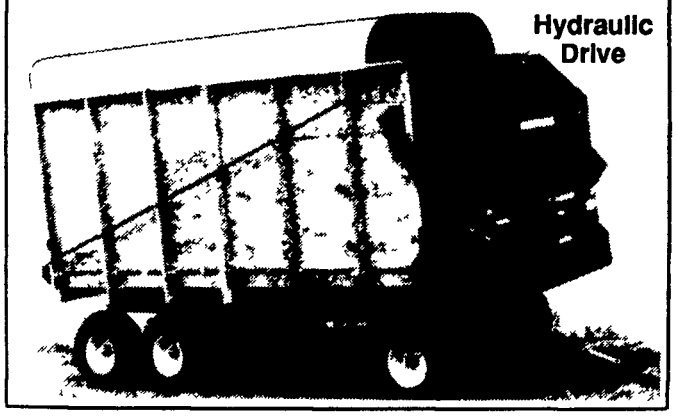

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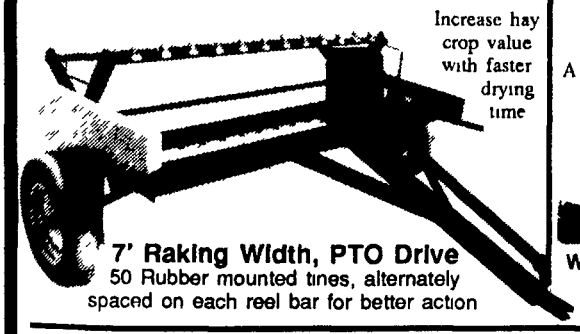

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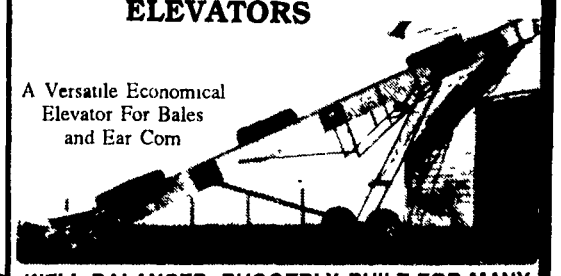

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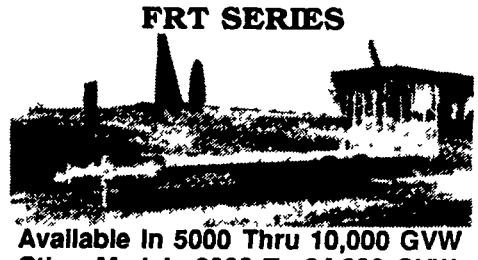

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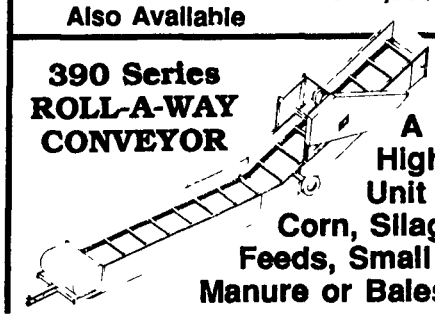

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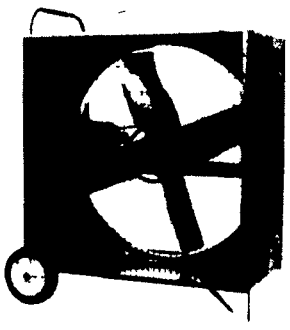

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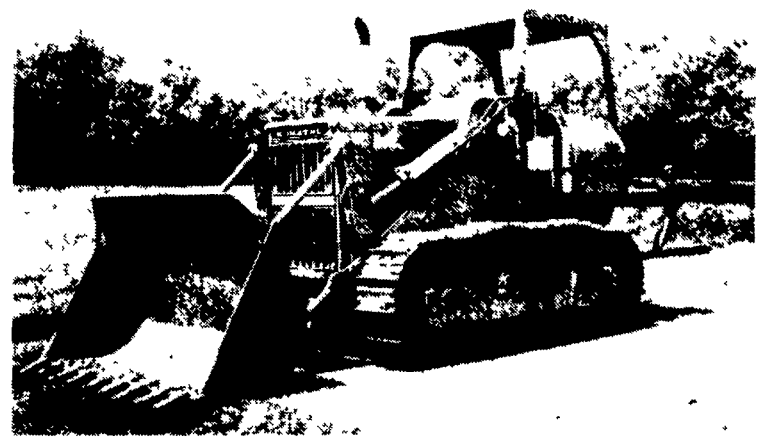

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HAPPENINGS

Cowanesque FFA Public Speaking

Each year FFA members from across the state begin the quest for state level competition in chapter procedure, prepared public speaking, conservation public speaking, extemporaneous public speaking and FFA creed speaking. This all begins on the county level, progresses to the area level (3 counties), regional level (15 counties) and finally to the state level. The top two chapter procedure teams and the top three speakers in each contest advance to the next higher level. Cowanesque FFA members were involved in this process again this year.

On the county level, hosted by Wellsboro Area High School, the chapter procedure team was second. Team members were Cory Smith, Stacey Graves, Susan Groover, Scot Short, Dawn Patterson, John Kroeck, Bart Ianson, Rob Gilman and Laurie Wildman was an alternate. In the chapter procedure contest, the team is judged on the opening and closing ceremonies, handling of officer and committee reports, and the proper disposal of two new items of business provided by the judges.

At least six different types of motions must be demonstrated and three different team members serve as chairman of the meeting. All must be conducted within 20 minutes. Competing teams each supply a quizzer to challenge and test the team's general knowledge of proper parliamentary procedure.

Susan Groover placed first in the prepared public speaking, followed in second by Stacey Graves. Dale Niles was the first conservation speaker. Speeches must be six to eight minutes in length, with a question period, from the judges that may last for another five minutes.

The creed speakers must recite the five verses of the FFA Creed and respond to questions about the creed. This contest is only open to freshman or first year sophomore members. Colin Graves was first, Laurie Wildman second and Aaron Atwell third.

The area contest was hosted by Canton Area High School. The chapter procedure team was third. In the prepared public speaking, Susan was first and Stacey fifth, while Dale was the top conservation speaker. Laurie placed first, followed by a third for Colin and a fifth for Aaron in creed speaking.

Montoursville High School was the site for the regional competition. Susan continued her first place public speaking performance, while Dale had a third place finish in conservation speaking. Colin finished third in creed speaking, with Laurie following in fourth. Susan, Dale and Colin qualified for the state level contests in June at Penn State. Laurie is an alternate for the creed speaking contest.

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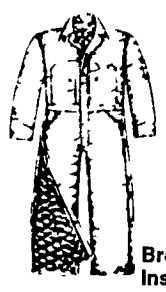

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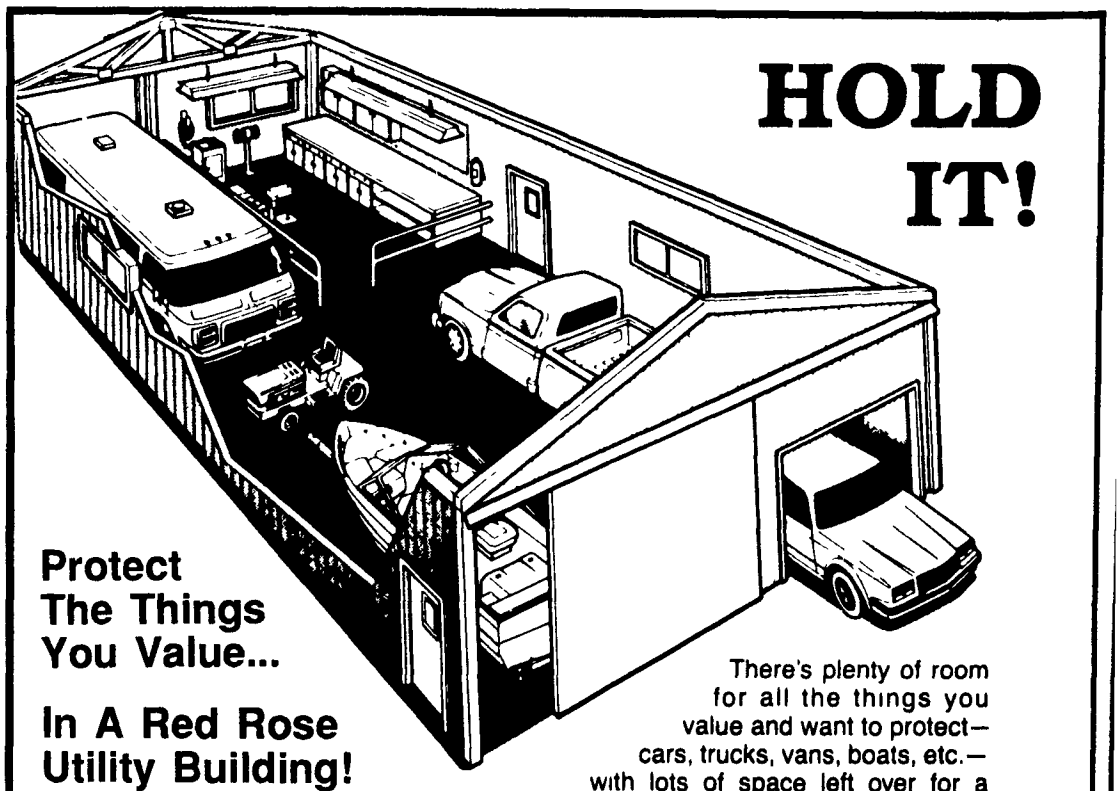

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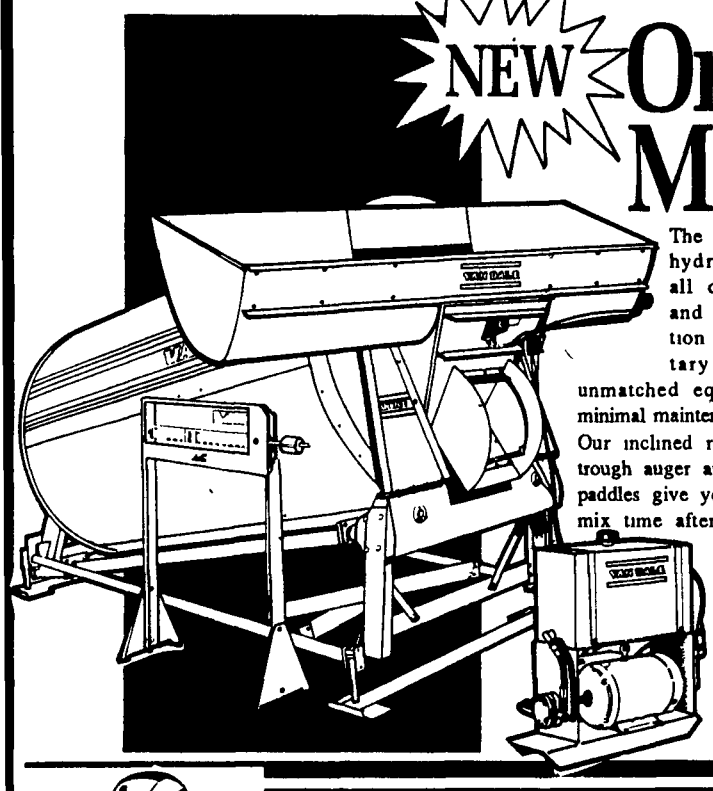

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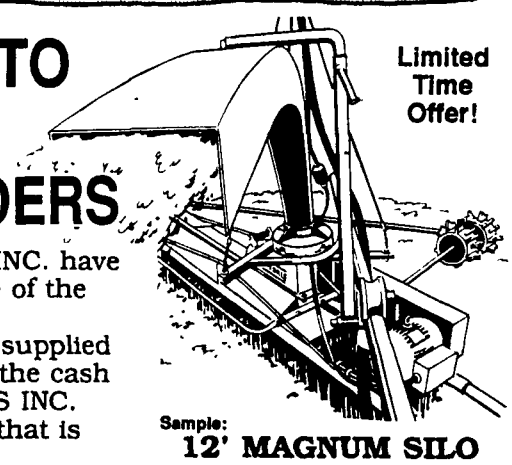

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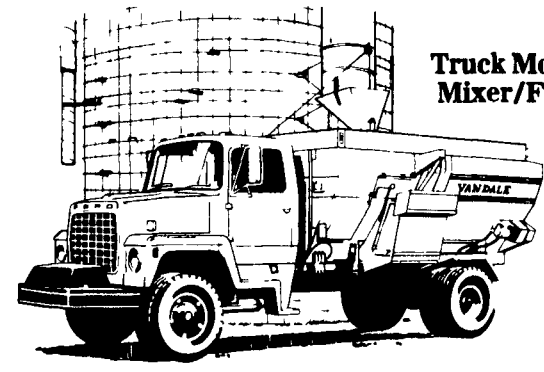

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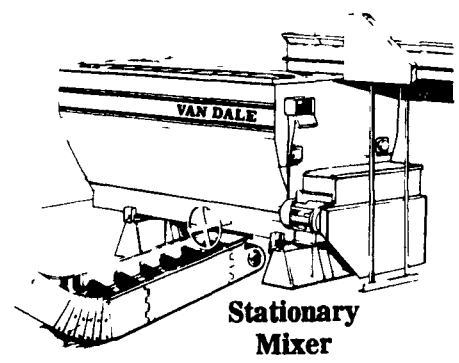
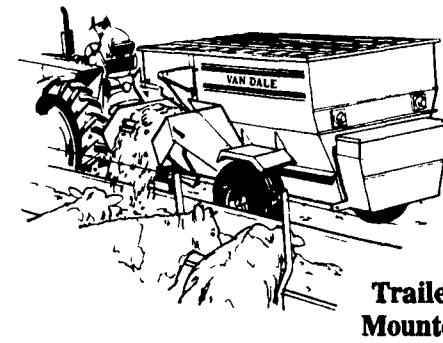


Stationary Mixer



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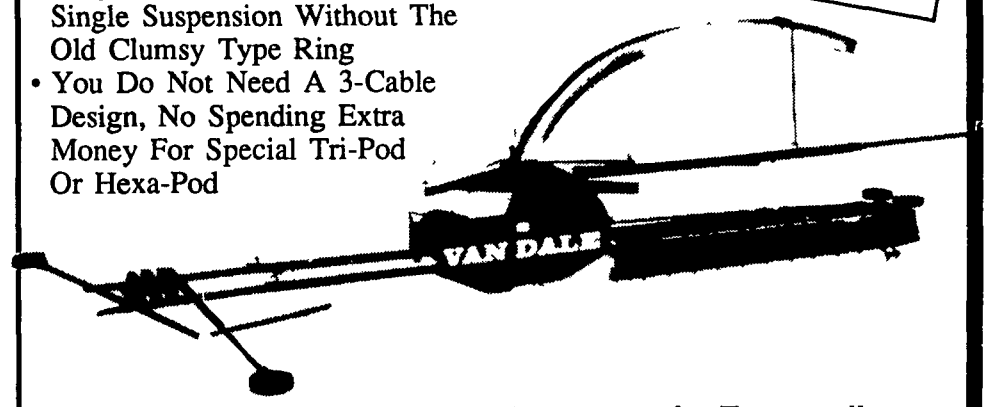

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FOCUS

June 1, 1991 Vol. 6 No. 1 A NEWSLETTER FOR THE MEMBERS OF THE PENNSYLVANIA DAIRY HERD IMPROVEMENT ASSOCIATION Lancaster Farming, Pages B32-35

Herd Management Awards Provide New Incentives

Earlier this year the Pennsylvania DHIA Board adopted a new member recognition program effective with the current cow year ending on September 30, 1991. This new program, called the Herd Management Awards Program, focuses on herd production improvement in three major herd management areas. Because it measures improvement, it offers all members the opportunity to compete for statewide honors.

The three management areas included are: 1. Milk, fat and protein production improvement; 2. Mastitis management improvement; and 3. Reproductive management improvement.

Within these areas, a total of 10 individual factors will be measured and points will be assigned to each one based on how well members did with each factor. Points for each factor will be added. The higher the point total, the better the performance and the greater the chance of winning recognition.

Herd Qualifications

There are some basic qualifications to participate. For instance, you must have a minimum of 10 cow years and 10 tests during the last year. Also, your herd must have been enrolled on the somatic cell option for all tests during the last two years to earn any points for mastitis management improvement. And finally, 10 heifers must have freshened in the herd during the cow year to earn points for reproductive management improvement.

State awards will be given to the first, second and third place herds in each breed. The top herd in each breed will be recognized at the annual meeting dinner banquet next March. Only those breeds with 20 or more official herds enrolled will be recognized. The points will be assigned for each factor in each category as shown in the charts. each category.

Ribbons Dropped, But Not Cow Certificates

It should be noted that ribbons for fat and protein production will no longer be given out by the state association. However, local associations and local units are free to provide them based on whatever criteria they wish to use. The state

(Turn to Page B33)

The Pennsylvania DHIA directors are, from left, front row, Clyde Robinson, Washington County; Joseph Lyons, Columbia County, secretary; Norman Hershey, Lancaster County, vice president; William Itle, Cambria County, president; Gary Truckenmiller, Northumberland County, treasurer; Brooks Smith, Perry County; and Frank Orner, Clearfield County. Standing, from left, are Stanley Brubaker, Potter County; George Cudoc, Butler County; Rob Kocher, Centre County; John Foster, Huntingdon County; Donald Duncan, Berks County; Robert Kindig, Lancaster County, national president; Dennis Daubert, Schuylkill County; William Jackson, Fayette County; John Wilcox, Bradford County; and John Castrogiovanni, Susquehanna County.

Board Action Summary

At the most recent meetings in January, March and April, 1991, the PA DHIA Board took the following actions of interest to members and others in the dairy industry:

1. Agreements with 14 county associations to merge with PA DHIA were approved.

2. Board policy #3.11 was adopted which controls payroll grades and limits salary ranges for all employees.

3. Board policy #3.18, which explains the employee grievance process, was adopted.

4. A new, more complete employee benefits program was adopted. Along with it, the minimum work required on an ongoing basis to qualify for full time benefits was raised from 15 units (about 15 days) to 22 days per month.

5. A new member recognition plan called the Herd Management Awards Program was adopted effective for the 1991 cow reporting year. This program replaces the program of herd recognition based on levels of fat and protein production, but does not affect awards given by local associations or units.

6. A program to monitor comparisons of test day milk production and bulk tank shipments was dopted that will require agreement to within + or - 5% by the end of 1993.

7. Minor changes to the 1992 Bylaws were adopted shifting district boundaries to accommodate changes that member counties had requested.

8. The board voted to seat two directors from districts that did not have a quorum to elect directors at the last set of district meetings in February, 1991.

9. Because of reductions in the cost of supplies from the supplier, the cost of ProStaph I analysis was decreased from $2.60 to $1.95 per sample.

10. The fee-for-service policy with Penn State was rescinded.

11. A letter of resignation from the board from Nelson Stoltzfus was accepted with regret.

12. Robert Kindig, Board member from Lancaster Co., National DHIA President and Chairman of

(Turn to Page B33)

Dean Amick Accepts New DHIA Post

Dean Amick of State College has been appointed Director of Field Operations for Pennsylvania DHIA. In this position, he will oversee the services provided by approximately 250 field employees. Dean is no stranger to PA DHIA, having worked as a supervisor in Lancaster County from 1954 to 1970, where he built an outstanding circuit of 90 herds. Dean came to the Service Center at State College,,to manage the newly formed Central Milk Testing lab, one of the first Centralized and electronically equipped DHIA labs in the World.

During the nearly twenty years he spent in that capacity, Dean was instrumental in organizing the North American Lab Managers Association, served as president for three years and received recognition as the foremost DHIA Lab manager in North America.

Most recently, in the capacity of Manager of Support Operations for PA DHIA, Dean successfully developed a sample transportation system, a vial recycling system and introduced a one-of-a-kind liquid preservative dispenser.

Dean and his wife, Shirley, have two children and one grandson. An avid sports fan, Dean also serves as District Commissioner for the Amateur Softball League.

Staff Changes

James P. Garrity has assumed a new and temporary position as the Transition Director for Reorganization. In this position, Jim is responsible for all aspects of the merger of local DHIA Associations throughout Pennsylvania into a single, statewide DHIA, by October 1, 1992. Jim has been performing this task while working as Director of Finance and Personnel. His associate, Ron Coder, will assume these duties allowing Jim to direct his attention to reorganization matters. Jim is also heading up the development and implementation of a new computer-based member billing, employee payroll, and employee benefits system.

Ronald T. Coder of State College now holds the position of Manager of Finance and Human Resources. In this position, Ron is responsible for all finance and personnel operations for the six thousand member organization. Ron has served for the last three years as the accounting associate with James Garrity.

July 4
Independence Day Holiday, service center closed.

July 8-10
Young Cooperative Leaders' Conference, Days Inn, State College.

July 10-11
Pa. DHIA Board joint meeting with Ontario DHIA, Guelph, Ontario, Canada.

July 26-27
Supervisors Summer Conference, Ramada Inn, Altoona.

July 25-Aug. 30
Target dates for mailing of July PTA evaluations to members with their monthly reports.

July 28-Aug. 1
National DHIA Leadership Week for presidents and managers, San Antonio, TX.

Aug. 1-Sept. 15
Target dates for mailing of fall potential identification problem (PIP) reports to members with their monthly reports.

Aug. 6
Cooperative directors' one-day training session, 10 a.m. to 7:30 p.m., Towanda, Bradford Co. (To register, contact Bob Ormsby at 1-800-344-8378.)

Aug. 7
Cooperative directors' one-day training session, 10 a.m. to 7:30 p.m., Lancaster County. (To register, contact Bob Ormsby at 1-800-344-8378.)

Aug. 31
Deadline for local associations to order ribbons for local awards. (To order, contact Lee DeWolski at 1-800-344-8378.)

Sept. 2
Labor Day Holiday, service center closed.

Oct. 2-3
Pa. DHIA board meeting, Holiday Inn, State College.

Oct. 5
Cutoff date for data to be included in 1991 cow year records.

Oct. 18
Pa. DHIA year-end reports released to counties and media.

Nov. 1-Dec. 15
Target dates for mailing of herd profile reports to members with their monthly reports.

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DHIA: Past, Present And Future

ROGER A. CADY, Ph.D.
Washington State University

Before we can truly appreciate the direction the Dairy Herd Improvement (DHI) program is heading, it is helpful to put it in historical perspective looking at the evolution of the dairy industry and associated changes in DHI. Records during the 1800's were kept according to standards of the region. Butter and cheese were usually the only market outlet for milk. Fluid milk was consumed almost entirely on the farm because of its perishability. Thus, production records for butter were of primary importance. A typical form of recording at the time was to measure the amount of butter produced from one cow's milk over a 7 day period.

The first organized cow testing organization which was to become DHIA was formed by 8 farm owners in 1905 in Michigan. By 1906, 31 herds with a total of 239 cows were members of that association. Two more associations were started in New York and Maine in 1908. By 1929, there were Cow Testing Associations in all 48 states. IN 1924, Extension Specialists belonging to the American Dairy Science Association (ADSA) formed a committee to develop a set of standards for the associations and in 1927, the name of the program was changed to the Dairy Herd Improvement Association (DHIA). The program was run under the guidance of the Dairy Records Committee of ADSA. In 1965, National DHIA was founded and assumed major responsibility for managing the program as a national producer organization. In 1980, the National Cooperative Dairy Herd Improvement Program Board (NCDHIP) was founded as the rule making body for National DHIA.

The primary purpose of early records was to identify superior animals to use as brood animals and for recognition of their owners as superior breeders. In other words, the emphasis was almost solely on genetic improvement of dairy cattle. As such, rules were developed to insure the integrity of records and standard procedures were established for the testing of cows and calculation of records. Production weights, birth, test and calving dates and identification were virtually the sole data recorded and production totals the only information returned.

Key developments in the dairy industry as well as other new technologies have been instrumental in shaping the evolution of DHIA into the program it is today (see Table 1). Continued advances will continue to present a serious challenge to DHIA to serve the dairy industry of the future.

The Babcook Test allowed for accurate measurement of fat content in milk providing a standard for that component. Mechanical refrigeration and pasteurization allowed for safe shipment and storage of milk for an extended period of time, thus opening up urban markets for fluid milk sales. As a result, production emphasis was shifted from fat to total milk production. Electric milking machines were one of the first developments which increased the efficiency of manual labor, thereby allowing farm sizes to increase. Artificial insemination increased the selection intensity which could be practiced, speeding up the rate of genetic progress and reducing the need for bulls on-farm. The 1960's were a revolutionary era in the industry. Not only did many of the innovations of that period enable the industry to increase production efficiency of the cow both through management (ration balancing) and genetically (frozen semen and accurate genetic evaluations, computerized records), but further increased the efficiency of human labor in producing and handling milk (milking parlors, bulk tanks, freestalls). Later developments and those yet to come show a continued increased emphasis on increasing labor efficiency.

The trends in increased production efficiency of the cow and in labor efficiency can be seen in Table 2.

Over the last 80 years, or since the inception of DHIA, production efficiency per cow has increased tremendously (439%). Much of this increase can be directly attributed to the information available through DHIA, namely the genetic improvement. Of course, much of the improvement can also be attributed to better management, but DHIA has provided a large part of the database for management research and development as well. Because of the recognition that other management factors were of value, the DHIA system expanded, incorporating such things as reproductive data, udder health data and ration balancing services.

Increased productivity has been a major factor leading to the decrease in the number of cows (-58%) since 1950. However, the decrease in the number of dairy farms (-94%) during that same period is nearly twice the rate of the decrease in the number of cows. If decreased farm numbers were the sole reason for decreased cow numbers, the two rates should be be nearly similar. Increased labor efficiency (2333%) has been the key which has allowed farm size to increase at such a rate (1700%) and is the reason that farm numbers have decreased so dramatically. Because new advancements will further increase labor efficiency, this trend of fewer cows and even fewer farms will continue in the foreseeable future. To operate these large modern farms good records must be the center of the management program. When reduced to basic terms, the reason for records is simple; humans have fallible memories! When there were 3 cows per farm, it was easy to remember pertinent facts about those cows to be a good manager. But now, not only have the number of cows increased, but the amount of necessary information to profitably manage each cow has grown exponentially; thus making records essential to profitable management. As the cliche goes, "if you don't measure it, you can't manage it". As a result, the justification for a cow testing program has grown from being primarily a necessary part of a genetic improvement program to also being a necessity for day-to-day management, with heavy emphasis on management.

The challenge to DHIA continues as a result of these and other trends. The development of many electronic and computer based technologies have automated much of the management of the dairy farm as well as the recording

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Table 1. *Key Events in the Dairy Industry*

Date	Event
1890	Babcock Test
1910's	Mechanical refrigeration, Pasteurization
1930	Electric milking machines
1938	Artificial insemination
1960's	Ration balancing, Milking parlors, Bulk tanks, Freestall housing, Computerized DHIA records
1965	Accurate USDA genetic evaluations
1968	Frozen semen
1980's	Embryo transfer, On-farm computers, Cloning
Future	*Robotics, Electronics, Transgenics, Biotechnology*

Herd Management Awards

(Continued from Page B32)

association will assist locals in getting ribbons if they wish. The deadline for notifying PA DHIA that ribbons will be needed is August 31, 1991.

It should also be noted that this new program does not affect cow recognitions. Individual cow lifetime production certificates will still be provided to members.

Discussions to explain this new program to members in over 20 counties and at the district meetings last February provided a lot of good feedback about the new program. The reception was overwhelmingly supportive of the direction this program is taking the association. Suggestions were made to report the results of each herd's performance to each member at year's end and that is being planned. The association is grateful for the suggestions received and hope members will provide more feedback to refine the program for future years.

Category I. Milk, fat and protein production improvement 85+ points

A Milk production increase per cow will compare this year's (RHA) rolling herd average to last year's Points will be assigned like this

Pounds of Increase	Points Earned
0 or less	0
1-999	10
1 000-1 999	20
2 000-2 999	30
3 000 or more	40

B & C Fat and protein production increase per cow will compare this year's RHA to last year's Points will be assigned for each factor like this

Pounds of Increase	Points Earned
0 or less	0
1-49	5
50-99	10
100-149	15
150 or more	20

D Average peak milk production will be the average of the highest month's production for each cow freshening in the herd That average will be divided by 10 and the result will be the points earned for this factor

E The average days to peak milk will be based on the average number of days from freshening until peak milk is reached for all cows calving in the herd Points will be assigned like this

Average Days	Points Earned
Less than 7 or more than 64	1
7-13 or 58-64	2
14-20 or 51-57	3
21-27 or 43-50	4
28-42 (Ideal Range)	5

Category II. Mastitis Management 35 points

A Percent improvement or the mean (average) rolling SCC will take the difference between this year s rolling SCC and last year s and make a percentage out of it Points will be assigned like this

Percent Improved	Points Earned
0 or less	0
1-20	5
21-40	10
41-60	15
More than 60	20

B Overall average SCC linear score will look at the mean rolling SCC at the end of the cow year and assign points like this

Average Linear Score	Points Earned
4 0 or more	0
3 0-3 9	5
2 0-2 9	10
1 0-1 9	15

Category III. Reproductive Management Improvement 16 Points

A Average days open will be figured using all cows bred and all cows open over 60 days Points will be assigned like this

Average Days Open	Points Earned
130 or more	0
120-129	2
110-119	5
100-109	7
Less than 100	8

B Average services per pregnancy will be figured as the number of services reported for pregnant cows divided by the number of pregnant cows Points will be assigned as follows

Avg Services/Pregnancy	Points Earned
More than 2 3	0
2 2-2 3	1
2 0-2 1	2
1 7-1 9	3
Less than 1 7	4

C Average age at first calving will divide the total months of age at first calving by the number of heifers calving in the herd Points will be assigned as follows

Average Age First Calving	Points Earned
Over 27 months	0
27 months	1
26 months	2
25 months	3
22-24 months	4

Operations Comparisons

	1987	1988	1989	1990	Thru April 1991	1991 Vs. 1990
Herds Enrolled	6,062	5,947	5,989	6,102	6,092	-10
Prime Herds	12	22	111	206	266	+60
% AM-PM Herds	26.6	29.1	42.2	45.5	46.7	+1.2
ARIS Users		65	129	167	186	+19
% Herds on SCC	68.7	74.2	81.6	83.4	82.9	-.5
Heifer Option Herds					188	+188
Verification Tests	138	160	122	208	56	
% Untestable Samples	0.55	0.45	0.11	0.12	0.07	-.05
Turn Around (Days)	4.86	4.10	4.27	3.51	3.51	0

Operations performance has been good for the first four months of 1991. The association has seen very little decrease in herds and cows enrolled in spite of the price of milk. Prime, AM-PM and ARIS participation continue to go up, but there has been a slight decrease in somatic cell count testing participation. Good interest has been shown in the heifer management reporting option with 188 herds enrolled.

Dean Amick

(Continued from Page B32)

Ron is a 1951 graduate of Penn State and received an MBA degree from George Washington University in 1972. After a 23 year career as an Air Force pilot, Ron worked for a year in the accounts receivable and credit department at Herbert R. Imbt, Inc. of State College, then became Director of Renovation, Purchasing and Inspections for the Federated Home & Mortgage Company of State College. He spent four years as the Executive Director of the Second Mile, an organization for neglected youth. He is also Interim Treasurer for the State College Presbyterian Church.

Board Action

(Continued from Page B32)

the NCDHIP Policy Board, was recognized for his contributions to DHIA.

13. A revision to Board policy #4.2 dealing with cash reserves was adopted. The new policy provides a plan to return cash reserves to 10% of annual expenses.

14. A new Board policy #4.11 was adopted detailing which expenses would be covered during employee training sessions.

15. A revision to Board policy #4.15 was approved adding a stipulation that pricing of services to members would be uniform across the association.

16. Authority to purchase a new computing system which will expand processing capability and save the association money was given to management.

17. A request was made of National DHIA to standardize the procedure for handling ID changes across all processing centers and to eliminate the requirement for AM-PM timers for official herds.

Anyone needing additional information regarding any of the above actions should contact Dick Barth at 800-344-8378.

DHIA: Past, Present And Future

(Continued from Page B33)

process for DHIA (e.g. computer feeders, milk weighing meters, auto-ID, etc.). That being the case, rules that were designed for strict integrity in a non-technologically advanced era, and which now may inhibit management and be obsolete on technologically advanced farms, must be examined such that the interest of both can be served.

Compounding this complex revolution for DHIA is the advent of affordable and economically justifiable use of on-farm computers. Third party software now exists which can meet virtually all computing needs and keep all the necessary current and historical records of an individual dairy farm for management purposes, with the exception of genetic evaluations. Farm managers are increasingly becoming more computer literate and using software such as spreadsheets to develop their own management tools. As such, DHIA has competition which as recently as 10 years ago did not exist.

DHIA is addressing these challenges throughout the system. Following is a summary of developments and changes being examined and/or implemented by DHIA throughout the country at state and national levels.

Official Proarams: New technologies and large herds present a constant challenge to the system. On-farm computer systems which record milk weights daily and automatically record identification make some DHIA recording procedures redundant. In order to take advantage of this technology NCDHIP has developed Labor Efficient Records as an official DHIA testing program. In summary, herds which are able to automatically record daily milk weights are able to reduce the number of times a DHIA supervisor takes samples during a year by increasing the interval of herd visits from every 30 days to every 90 days. Milk weights and other management information must, however, be transmitted from the on-farm computer to the processing center (DRPC) via a modem (telephone) at least monthly (5 day averages) or at least twice per month in the case of daily weights being transmitted. The advantage of this program is that the cost of the DHIA program is reduced to the dairy producer, he/she is able to utilize on-farm technology to its fullest capability and test day disruption is reduced.

National DHIA is also examining exactly what "official" means and requires for standards. NCDHIP has a committee called the Standards Task Force which is investigating ways to score records according to the conditions under which they are taken, how often they are taken and how they measure up against certain standards. Each record would have a quality score or description attached to it. SUCh a system would allow a DHIA member to tailor the services they care to purchase according to their own needs at a cost they feel is what they can justify. Third party users such as breed associations, USDA, university researchers and cattle buyers, to name a few, would be able to determine the usefulness of a particular record for their purposes according to the score/description.

Turnaround time: A constant complaint of DHIA members is turnaround time (the time that elapses between test day and when results are received). The ideal would be instant turnaround, but that is unattainable as long as samples have to be tested in a remote testing lab and all records are maintained on a remote mainframe computer. A partial answer to this problem is the portable personal computer. Milk components and somatic cell counts are the only records which cannot be produced on the farm. Many state organizations are testing a system in which supervisors are equipped with portable computers such that all data, except components, can be transmitted to the DRPC from the farm the day of test and reports printed and left at the farm before the supervisor leaves.

Interfacing with on-farm computers: A frustration for DHIA members with their own on-farm computers has been the inability to interface their computer with the DHIA mainframe unless they owned very specific software. This caused members to have to redundantly enter milk weights and other important data manually into their PC dairy management package. The degree of problems encountered depends on which DRPC the DHIA member's records are processed at and the dairy producer's choice of a software management package. Many of the DRPC's have recognized this problem and are working to modify their systems to ease interfacing problems.

Identification: Accurate identification is the key to a good record system. Accurate identification is also a very tedious process. To improve identification, various automatic ID systems are being investigated by both state and national associations. Wisconsin DHIA is experimenting with bar codes to identify cows and milk samples. These bar codes, similar to the ones used at grocery check outs and can be read optically by scanning machines, reducing errors. National DHIA and the Holstein Association are working on a standardized identification system and method of implanting a unique permanent identification computer chip in a cow. Such a system has the potential to be used in all aspects of dairy management and record keeping.

Management information: Both the presentation format and quality of management information available from DHIA must be superior and of value for DHIA to remain as an attractive service to modern dairy farmers. That is the reason such data as body condition scores and health information can now be recorded by many DHIA's and DRPC's are working to make such data available in a useful form. Most DRPC's now have customized reports that can be designed by the user according to their own specifications. With the sophistication of the dairy industry today, it is no longer sufficient to produce totals, averages and lists in order to make crucial management decisions. Many DRPC's are offering graphic presentations of information.

Often in the past, decisions were made with respect to one aspect of management without regard to the effects of those decisions on other aspects of the operation. Scientists have tended to segment the various aspects of management into separate and distinct areas without paying much heed to the interrelationships among the various areas. Historically this was satisfactory because management was less intense and analyses were limited by the computing power available. However, increased sophistication in dairy management has made detailed analytical programs necessary and PC's and software developments have made answers to the what-if questions which have multiple effects more easily available. On the far reaching cutting edge of DHIA are expert systems which will provide a detailed analysis of management data, assisting in the recognition and diagnosis of management problems, evaluation of causes and the suggestions of possible solutions.

Reorganization: Nationally, reduced cow and farm numbers are putting the financial crunch on many local and state organizations. Increased demands by members and sophistication of the system in general is making it difficult for small associations to function in an economically efficient manner. There are advantages to the efficiency of size, which are forcing many associations to merge. Most noteworthy is the merger of New York, Maine, Massachusetts, New Hampshire, Connecticut and New Jersey into one multistate association called Northeast DHIA. West Virginia and Maryland have also merged, as have Nevada and California DHIA and Alaska is now part of Washington DHIA. In many states, there is direct membership in the state SHIA by producers, bypassing county associations thereby reducing the complexity of the management of the state association. Recently, NCDHIP ruled that a dairy producer who is a member of a state DHIA may have his/her records processed at any of the 9 recognized DHIA processing centers they choodr using a proscribed procedure, regardless of the DRPC that the state DHIA is associated with. This allows dairy producers to hire the services of the DRPC which offers programs which best suit their management needs.

If you have questions of what is available to you as a DHIA member or need help interpreting records you currently receive, there are several sources you should contact. If you want to make changes to your DHIA service, you should first contact your DHIA supervisor or state management office depending on the complexity of your request. Many state offices have 800 numbers for members' use. If you would like help interpreting your records you can contact your local supervisor or Extension Agent/Specialist. If you have comments to make regarding changes that you would like to see made to the program, you should contact your local board, state board representative, state manager or DRPC.

Management Staff

J. Richard Barth, General Manager and Director of Operations; Dean D. Amick, Director of Field Operations; James R. Boyer, Manager DRPC; Dixie L. Burris, Quality Assurance/Member Service; Linda S. Scibilia, Laboratory Manager; Ronald T. Coder, Manager of Finance and Human Resources; James P. Garrity, Transition Director for Reorganization; Bob Ormsby, Training Coordinator.

Region 1: David Bigelow, 814-378-7887; Region 2: Larry Hay, 814-267-4754; Region 3: Diane McIlwain, 717-673-8317; Region 4: Harry Fritz, 717-328-9159.

Table 2. *Increased Efficiency of the U.S. Dairy Industry*

Item	1910	1950	1990
No. Dairy Farms (,000)	5,100	3,600	200
% Dairy Farms of all Farms	81%	68%	10%
No. Dairy Cows (Mil.)	19.5	23 9	10.1
Cows/Farm	3	6	51
Total Milk (Bil. Lbs.)	64	117	148
Milk/Cow/Yr. (Lbs.)	3,300	5,300	14,500
Labor			
Hrs./Cow/Yr	140	126	19.7
Hrs./Cwt./Milk	3.5	2.4	0.15

Source Dairy Producer Highlights National Milk Producers Federation

Association Finances Healthy

PA DHIA's financial status is healthy despite the current turmoil over milk prices. The numbers of herds and cows on test have remained almost even over the last six months. This, in conjunction with the rate increase effective last January has provided a stable base of financing to assure that progress in providing improved member service continues.

January Rate Increase Breakdown

The January PA DHIA rate increase was not very popular, especially at a time when prices received for milk took a record plunge. It's important to know what the price increase was used for, so a breakdown is shown here:

1991 Rate Increase Rate

(1) These items directly benefit DHIA supervisors.

Although knowing this will not help you pay your bills, it may help convey the reasons why the increase was needed.

A Broad Perspective Is Useful

Many members complain when prices go up, and that's not unusual for any of us. But the additional minor investment that results from the last increase for each member is extremely important to continuing progress toward improved member services and quality. When each contributes a little, much can be done for many.

Just how much does DHIA cost members anyway? Well, the average price per cow per month for official DHIA (2X) in Pennsylvania is about $1.75 excluding SCC. On a per cwt. basis that works out to 12 cents per cwt. of milk produced which is less than 1% of all production costs. By comparison, purchased feed makes up almost 29% of production costs, fertilizer about 9% and hauling costs about 5%.

If you compare the cost of DHIA services now to the cost in 1981 on a per cwt. basis using constant 1981 dollars, the results are startling. Members actually pay slightly less today than they paid in 1981. How is that possible you may ask? The answer is through constant productivity improvements at the farm and at DHIA.

For example, members now produce about 1,500 more pounds of milk per cow than they did in 1981, spreading the cost of production over more units of milk. Likewise, PA DHIA now employs 10 fewer laboratory technicians than it did 10 years ago, thanks to the faster testing machines that have been purchased over the last five years.

1. Merit payroll increases (1)	+$	.0175
2. Health care insurance premiums increase (1) (+24% on 11/1/90)	+	.01
3. Increased field staff travel	+	.0075
4. Supervisor supplies (boots, buckets, brushes)(1)	+	.005
5. Postage increase (+16% on 2/1/91)	+	.0025
6 Fuel cost increases for sample trucking (per samp.)	+	.0025
SUBTOTAL FOR OPERATIONS	+$	.045
7. Contribution to operating reserve	+$	.025
8. Contribution for future facilities addition	+	.01
TOTAL INCREASE	+$	.08 /cow/mo.

DHIA Calendar

(Continued from Page B32)

Nov. 6-7
Northeast caucus meeting of National DHIA, State College.

Nov. 12
Last day to submit changes to USDA for Jan. 1992 genetic evaluations.

Nov. 28
Thanksgiving Day, service center closed.

Dec. 9-11
Cooperative Directors' School IX, Penn State Campus, University Park.

Dec. 16-Jan. 31, 1992
Target dates for mailing sold cow listings by herd to members with their monthy reports.

Dec. 25
Christmas Day, service center closed.

On The Record

Dick Barth

PA DHIA General Mgr.

"Whose Issue Is It, Anyway?"

I have reported to you before on the subject of the joint resolution between the Boards of the Pennsylvania and Northeast DHIA's regarding charging other organizations for the use of DHIA records. There were some developments at the National DHIA Convention in March having to do with this subject and an update on the situation is needed.

To refresh your memories, the Pennsylvania and Northeast Boards adopted a resolution last year to begin charging other organizations in the dairy industry for the use of DHIA records. A target date to begin was set for January 1, 1992.

Coincidentally, Wisconsin DHIC independently adopted a resolution of its own last year saying that DHIA's should be paid more by other organizations for access to DHIA records. Wisconsin stopped short of a target date for that to happen.

The purpose of both actions was essentially the same, to bring more income into DHIA's so as to provide the resources needed to (1) improve field services for members and (2) develop new services to compete with challenges from companies producing on-farm information systems. Charging DHIA members more for their records services.

After those resolutions were adopted, NAAB, the trade organization for AI organizations, adopted a resolution in essence saying it wanted to cooperate with DHIA in resolving the issues involved.

Then late last year, a national committee was formed of representatives from National DHIA, NAAB and FDCA (the breed organization's trade group) to see if a solution to this old issue could be found. The committee met once last February and was scheduled to meet again this month.

These actions were then followed by a resolution of the delegates at the National DHIA Convention last March that says the following:

"Whereas, the National DHIA Board has established a position in favor of correcting inequities in support of the national dairy records program; and

Whereas, an industry committee, including DHIA representation, is now meeting to study and resolve issues which have been identified; therefore,

Be it resvoled, that the delegates to the 1991 National DHIA convention commend the National DHIA Board for their positive position; and

Be it further resolved, that this delegation support the on-going efforts to resolve these issues to the benefit of DHIA, the dairy industry, and all dairy producers."

To me this is pretty clear support for a national solution to the controversy that has followed this topic. However, it's not clear now how this latest delegate statement affects the joint resolution between Pennsylvania DHIA and Northeast DHIA. No action has been taken to drop it in favor of the national efforts that are underway.

There's been a fair amount of heated discussion on this subject over the past year, along with many false assumptions and inaccurate rumors in the countryside. For example, some critics maintain that DHIA has a well conceived plan for getting money out of the AI stud organizations and is carefully following it. Moreover, they maintain that Pennsylvania and Northeast DHIA's have agreed to a specific price to charge other organizations for access to records.

If such rumors are true, it's news to me. I've been present for every discussion that PA DHIA board members have had on this subject and there has been no such plan developed and no such pricing agreed to. In fact, no specifics have even been seriously discussed to my knowledge. So how these things can exist is a mystery.

This is a serious issue and the longer it goes unresolved, the more misunderstanding that will result. What is needed soon is communication between the member leaders of the organizations that are involved in the controversy. You see, it's true that most DHIAs in the U.S. have significant problems trying to get enough resources together to keep good employees in their associations and to develop better services for members, and then to get those services to them.

And this situation affects the quality of DHIA information which in turn affects DHIA members and the organizations that rely on that information through the national records system. If DHIA is not effective, then neither will be the organizations with which it cooperates.

You, the members of DHIA, NAAB organizations and PDCA organizations can help by encouraging your elected leaders to not only talk with each other about the problems confronting your organizations, but to encourage them to make an effort to listen and understand the real problems behind the surface issues. Unless that communication occurs, there will be more wasted energy on this subject.

The proposal to charge for records was originally raised by members in behalf of members. It would be best solved by members so that the management staffs of the organizations involved can continue to work together to do what they are primarily hire for, to serve members.

Reorganization Becoming Reality

PA DHIA MERGER SUMMARY AS OF 3/1/91

	COUNTY	MERGER DATE	NUMBER OF SUPERVISORS	NUMBER OF HERDS	NUMBER OF COWS
1	Cameron	1986	0	2	96
2	Elk	1986	0	9	311
3	Clearfield	3/89	1	28	1245
4	Bucks	11/89	3	36	2269
5	Union	1/90	3	89	4144
6	Jefferson	4/90	4	37	1903
7	Mercer	5/90	7	116	5918
8	Wyoming	5/90	2	46	2310
9	Northampton	5/90	2	39	2760
10	Clarion	5/90	1	36	1683
11	Lackawanna	7/90	1	16	827
12	Cambria	7/90	1	19	1303
13	Montgomery	7/90	3	44	2700
14	Venango	7/90	1	20	1004
15	Juniata	12/90	3	94	5111
16	Snyder	12/90	2	75	3758
17	Wayne	12/90	3	109	5251
18	Mifflin	12/90	6	124	7071
19	Indiana	12/90	2	62	3584
20	Lycoming	12/90	5	88	4371
21	McKean	12.90	1	24	909
22	Northumberland	12/90	2	35	1934
23	Sullivan	12/90	0	21	1262
24	York	12/90	5	112	8141
25	Lebanon	3/91	7	188	12025
26	Berks	3/91	8	204	13837
27	Adams	5/91	4	52	4186
28	Fayette	5/91	3	25	1305
			80	1750	101218
			33%	29%	29%

County Associations Remaining = 30

IN 1984 it was only an idea. By 1987 it was a recommendation. In 1989 it became a plan. Today, reorganization of PA DHIA into a direct member organization based on cooperative principles is becoming a reality that is slowly, but surely changing the face of Pennsylvania DHIA.

Twenty-eight separate county DHIA's have so far merged their local organizations into one membership of over 1,700 strong. And contrary to what some thought would happen, they have lived to tell about it!

What It's Not; What It Is

Reorganization is not a story about a group of power-grabbing directors and staff in State College trying to pull the wool over unsuspecting members' eyes. Likewise, it's not a story about how local directors and members are being swindled out of both the history and the control of their own association. And it's not a longterm plot to get more money out of members that they wouldn't voluntarily spend.

On the other hand, it is a story about how PA DHIA has matured and is maturing into a responsible association who primary purpose is meeting the needs of its members, both now and in the future. It's a story about how a house is built, piece by piece, from the foundation to the roof, a house that is strong and weatherproof while providing expandability for new family members with changing needs.

In another part of this newsletter Roger Cady, formerly of New Hampshire and now with Washington State Extension, explains very clearly some of the challenges facing DHIA's and their members. His article includes a description of what has happened to DHIA's across the U.S. with the advent of on-farm computers, also called the "information revolution." In the next to the last paragraph he addresses a very crucial goal of reorganization, that of reducing the complexity of managing a state-wide association. To this perspective we can add another crucial goal which is to strengthen the control that PA DHIA members have other their own state association. These are the dual purposes of reorganization of DHIA in Pennsylvania.

How The Purposes Are Fulfilled

New Bylaws, already adopted by the PA DHIA Board and going into effect in October 1992, formally create the new organization in which only one membership category exists, the direct member.

Direct members will be organized into local units (formerly county associations) and will be represented by delegates they elect each year at their annual local unit meeting. Local units will be organized into 16 districts where the delegates will meet annually to elect state board members, one per district. Each state board member will answer directly to his electorate for his actions and decisions, and for the conduct of the association.

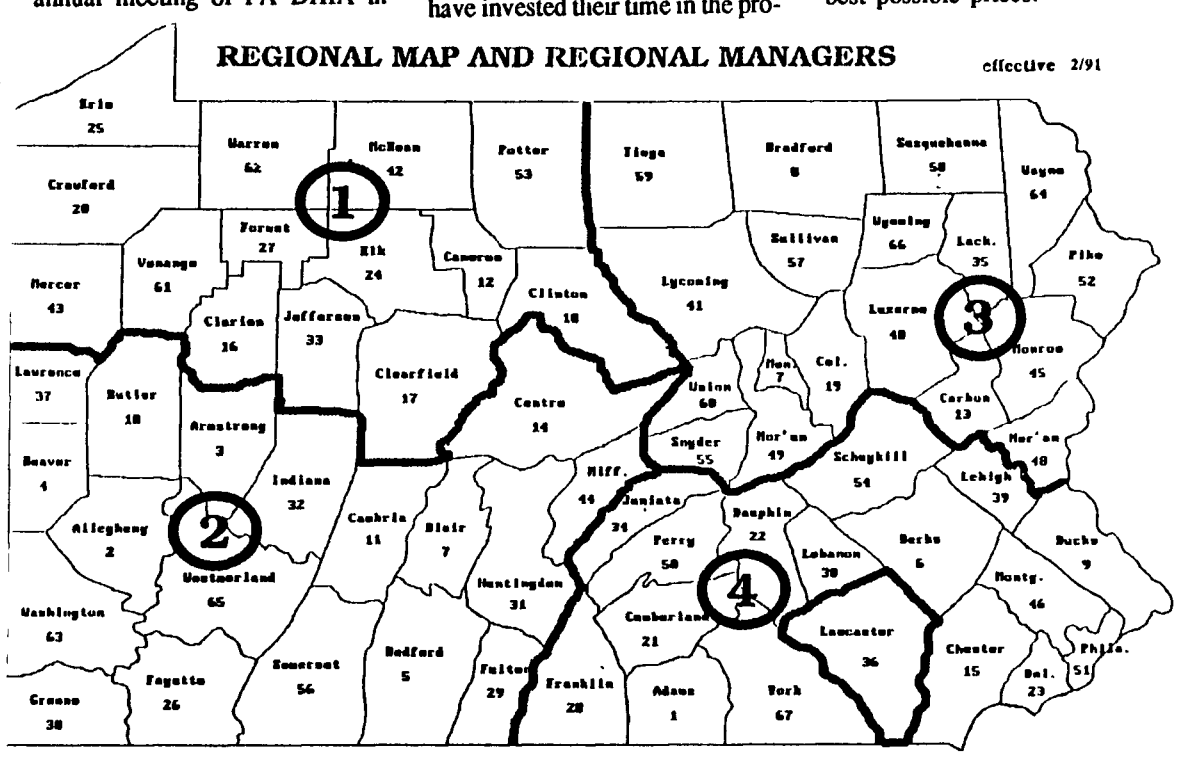
All delegates and members will have the opportunity to attend the annual meeting of PA DHIA in March, and to submit resolutions for changes to the way business is handled. The state board will set policy, set the annual budget and service rates and employ the general manager. Management staff will be responsible for operations at all levels, and for implementing board policy and managing the budget.

Although these mechanics are important to fundamental operations, there are plenty of stories about cooperatives that have been ineffective in spite of these basics being in place. In reality, greatness in member service can only be achieved when qualities lile loyalty, selflessness and above all, trust are present.

In the end, realizing the new PA DHIA is about building these qualities into the new organization while it is being assembled. That requires time to communicate and a genuine desire to understand each other and all the issues involved.

Twenty-eight county boards have invested their time in the process and have found reorganization to their liking by an overwhelming margin. Another 14 county association boards are gathering information through discussions with PA DHIA staff and board members. If you or your board need information of any kind about reorganization and what it means to your county, please call Jim Garrity at 800-344-8378. He will take the time to talk with you, or meet with you to explore possibilities. Or, if it's more comfortable, talk with members from another county that has already merged and get their perspective.

Success for DHIA members in the long run requires unity of organization and purpose, otherwise known as cooperation. When all 6,000 DHIA members in Pennsylvania cooperatively unify into one direct member association then everyone can get on with the important business of providing the best records services at the best possible prices.



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NFO Dairy Program Grows

AMES, Iowa — Dave Hay said the National Farmers Organization (NFO) dairy program in eastern Pennsylvania and New Jersey has passed from organizational adolescence into early maturity — and it's still adding to its collective bargaining muscle.

Hay, director of training and quality assurance for that area, reports "steady growth in the last 14 months. We're averaging two to three new producers per month putting milk on our trucks. It took several years for us to get going full throttle, but now we've definitely got the competition's attention."

The NFO began expanding its dairy program and started moving large volumes of milk in February 1987. "When NFO started paying a premium, other processors jumped on the bandwagon real quickly," he said. Asked to estimate the impact that NFO's programs have had on milk prices in his area, Hay surmises it has raised the general price level 50 cents per hundredweight.

There's been no secret to the area's success. "It's been plain hard work by the membership," Hay said. "They get involved, talk to their neighbors, and are willing to travel with me to meet potential members."

A big assist also has come from Jay Ober, a retired dairy farmer. "He knows the area and he's working for us three days a week on new membership. He's doing a great job," Hay said.

Hay makes a point of telling dairymen the "whole story about the dairy industry — both good and bad — where the money comes from and where it goes. Farmers appreciate that frankness," he said. "It also doesn't hurt that the NFO pays three times a month for milk, pays quality incentives, and offers a direct deposit service," Hay said.

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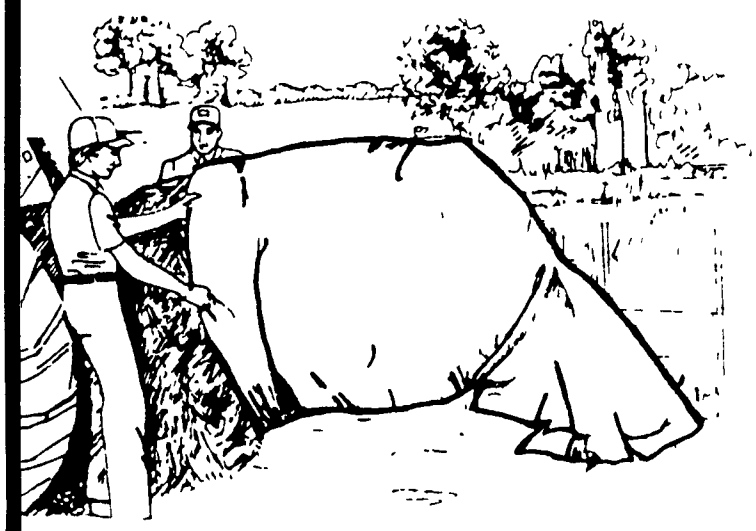

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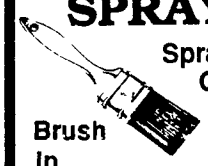

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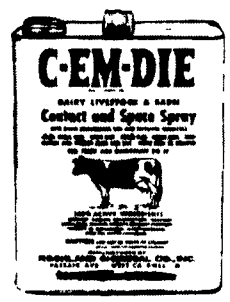

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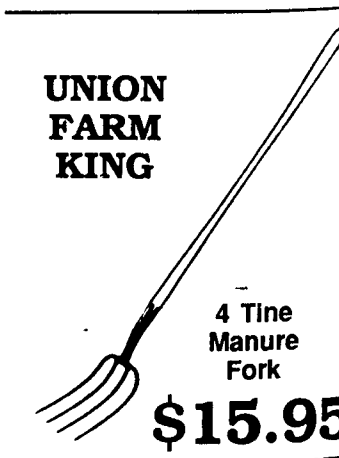

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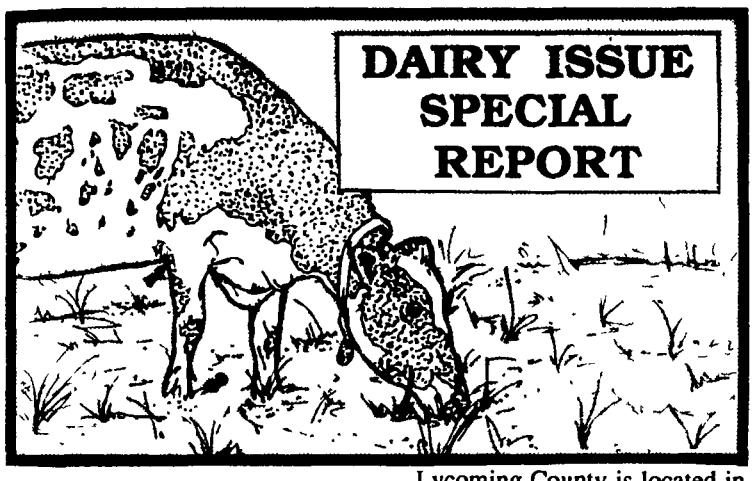

LYCOMING COUNTY
— THE DAIRY PICTURE
Bill Messersmith
Lycoming Co. Agent

Lycoming County is located in northcentral Pennsylvania with a population of 117,000. Nearly one half of the population is located in the Williamsport Valley with the rest concentrated along the Susquehanna River (west branch) and the various major streams flowing into the Susquehanna as well as throughout the county.

Lycoming Co is Pennsylvania's largest county in land area, with more than 791,000 acres. Almost 600,00 acres are forested, while farms make up about 140,00 acres.

Dairy farming is the major farm enterprise, with 180 producing dairy farms having 8,300 head of dairy cattle. With dairy as the main agricultural enterprise, corn silage, alfalfa and other hay crops are important. Corn for grain, along with oats and soybeans are also major crops.

Valley Farms is the milk processing plant located in Lycoming County. Valley Farms receives milk from county farms and serves the entire area with fresh wholesome milk.

For DHIA, 88 herds with 4,423 cows were on test. In the Holstein breed, the Eugene W. Hall herd was sixth in Pa. DHIA for protein with 775 pounds.

The Lycoming Dairy Princess program is in its sixteenth year with the county pageant scheduled for Saturday, June 15, at 7 p.m. at the Faith United Methodist Church in Montoursville.

The Dairy of Distinction program, started in 1986, has named seven Lycoming Co. dairy farms to this recognition award.

Dairy cattle shows make up a large part of the Lycoming Co. Fair, held in Hughesville each July. This year's shows feature Dairy Youth Show on Tuesday, July 16, with 100 head; Holstein Open Show on Wednesday, July 17, with 175 head; and the Colored Breed Show on Thursday, July 18, with 75 head.

The Lycoming County Holstein Club is active throughout the year. In addition to serving as a sponsor of the Fair Show, the Club sponsors an out-of-county tour, a county twilight meeting, and a Purebred Cattle Sale, set for Friday, August 2, at 7:30 p.m. at the Lycoming County Fairgrounds in Hughesville.

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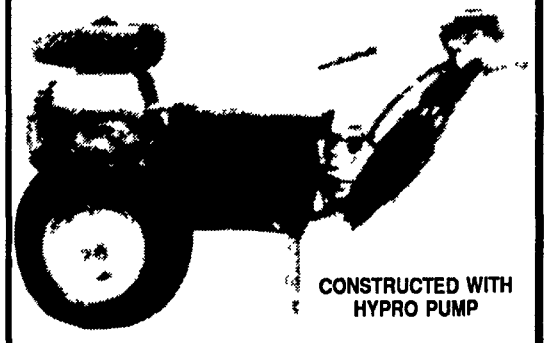

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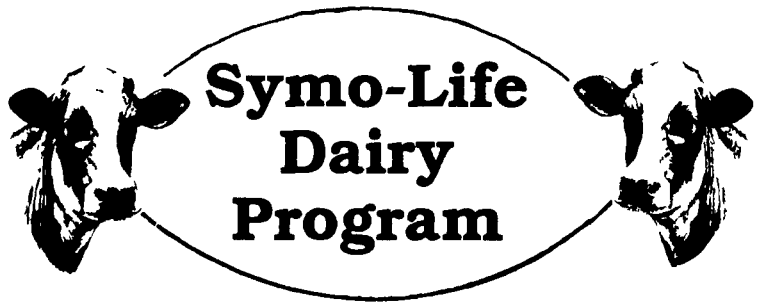

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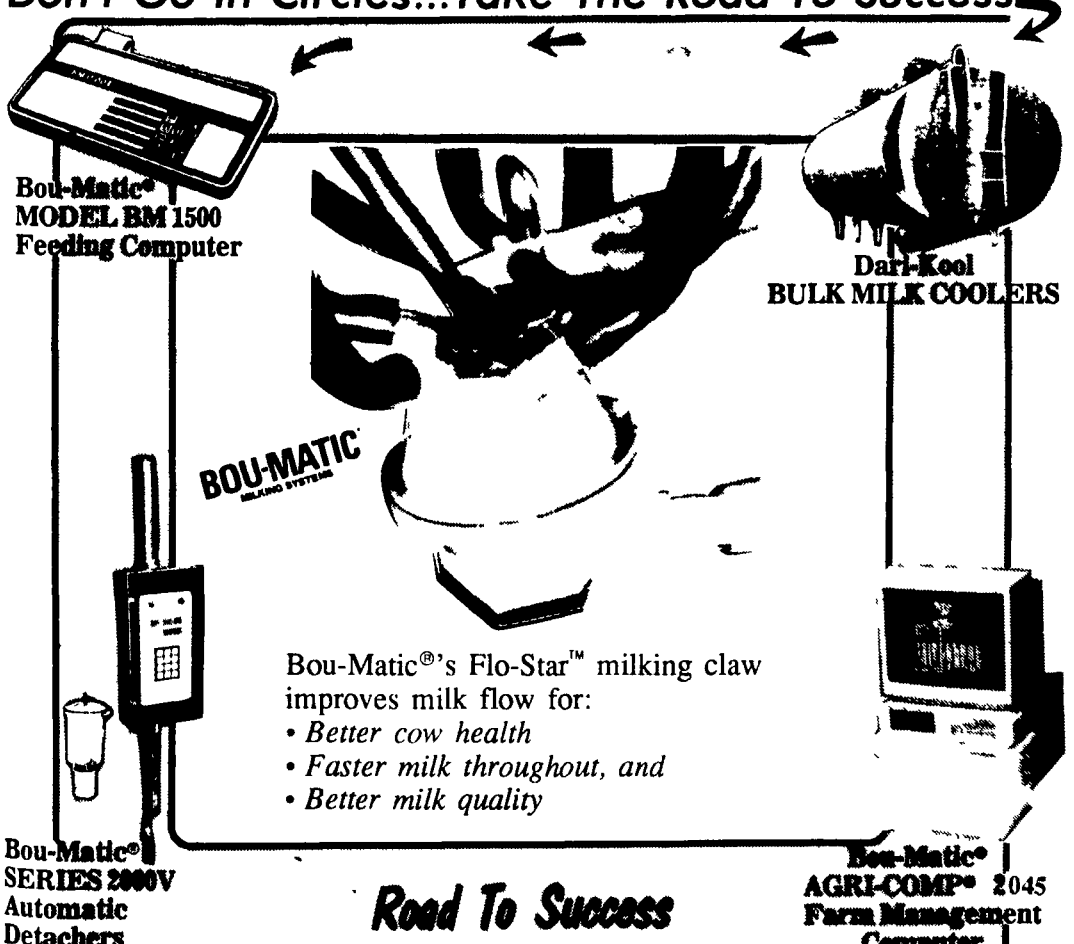

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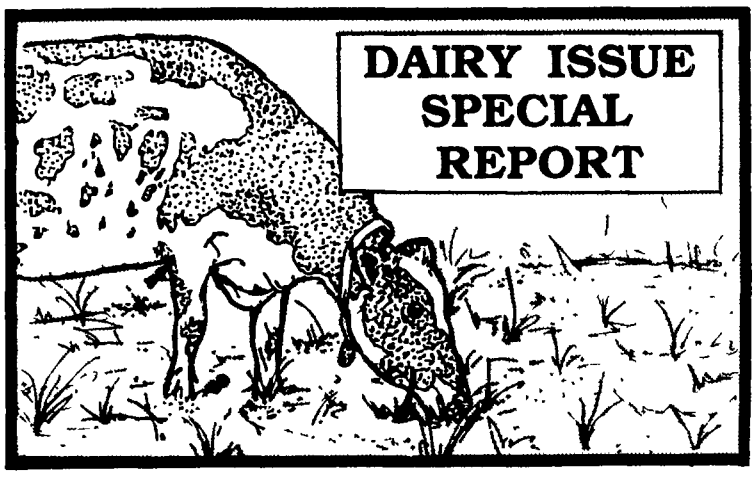


SAMPLING FORAGES FOR TESTING

James W. Garthe
Instructor of
Ag Engineering
Susan Zummo
Project Associate
Penn State

Why Test Forages?

Because profitable livestock production depends upon quality forage, you need to know the nutritive value of your feed.

You can obtain an accurate estimate of this nutritive value by properly sampling the feed for laboratory analysis. The results that you obtain from this analysis will allow you to efficiently balance feed rations and determine the buying and selling worth of forage.

In general, when and how frequently you sample will depend upon the forage that you want tested. While there are no set rules, you at least should sample every time a major change occurs in the forage — for example, when there is a change in the crop maturity, legume content, or your handling practice.

Below are some general pointers on forage sampling followed by guidelines for each type of forage. For information on testing labs, sampling kits, or other equipment, contact your local extension office.

General Sampling Procedure

You only will be sending about one pint of feed to the lab for analysis. Make sure that this pint represents your whole lot. You can accomplish this by taking several subsamples from a lot of feed, mixing them together, and withdrawing a one-pint composite sample.

A lot is the feed from a single species (or known mixture) harvested from one field within a 5- to 7-day period.

A subsample is a small quantity of feed drawn from a lot. Take 6-12 subsamples from each lot of feed. Mix subsamples together thoroughly in a clean container such as a pail.

A composite sample is a small quantity of feed drawn from thoroughly mixed subsamples and used for analysis. Withdraw about one pint of mixed forage from the subsample container. Place composite sample in a plastic bag for shipment, making sure to press out as much air as possible.

Sampling Hay

Always store hay so that you can distinguish between different lots later. You can choose from two techniques for sampling hay: grab sampling and coring.

Grab sampling is the least desirable of the two techniques because 1) you cannot grab a true cross section of the bale, and 2) the leaves shatter and fall from the sample. However, if you must use this method, break open the bales before you grab your sample. This reduces leaf shatter losses. Next, use scissors to chop the stems into 1-inch pieces for mixing. Take several subsamples before mixing and taking a composite sample.

Core sampling is the better technique for sampling packaged hay because it obtains a representative sample. Core samplers can be purchased at agricultural supply houses for about $75 to $100. The Penn State Forage Sampler is widely available and is driven with a hand brace or electric drill.

When using a core sampler always sample at right angles to the way that the hay is formed. Follow the guidelines below.

Conventional Bales: Sample the bales 4-6 weeks after packaging since the moisture level and other qualities may change throughout that period.

- Randomly select 10-12 bales from each lot.
- Bore into the end of each bale to collect subsamples; mix thoroughly.
- Collect composite sample and send to lab.

Round Bales: Since these bales unfortunately are often exposed to the weather, their quality continuously changes. Therefore, sample these bales 2-4 weeks prior to feeding.

- Randomly select 6-8 stacks from each lot.
- Bore across the layers of hay at a right angle to the wrap to collect subsamples; mix thoroughly.
- Collect composite sample and send to the lab.

Loose Machine-Made Stacks: Like round bales, stacks should be sampled 2-4 weeks prior to feeding.

- Randomly select 6-8 stacks from a lot.
- Collect 3 core samples from each stack. Bore across the hay at right angles to the layers. If you sample straight into the stack, you will not obtain a representative sample of leaves and stems. Mix subsamples thoroughly.
- Collect composite sample and send to lab.

Sampling Silage

Unlike hay samples, silage samples require special handling. Always ship the composite sample in a plastic bag, taking time to squeeze out as much air as possible before sealing. This limits air exchange, and hence, spoilage.

Refrigerate or freeze the composite sample until you can take it to the lab. If you must mail the samples, mail them Monday or Tuesday so that they don't set over the weekend. Send them first class to reduce transit time.

Make sure that you can distinguish between different lots after storage. You can do this by sending a few brightly-colored plastic streamers through the blower after each lot or by marking the wall of the silo.

You can sample during ensiling, during feeding, or both. Do not sample the top 2-3 feet of silage from an upright silo or from around the edges of a horizontal silo because of exposure to air, which causes it to lose moisture and/or spoil.

Sampling At Ensiling

Sampling at ensiling allows you to formulate a reasonably accurate ration before feeding. However, since fermentation will change the feed quality during storage, you may want to sample again during feeding, especially if seepage or heat damage has occurred.

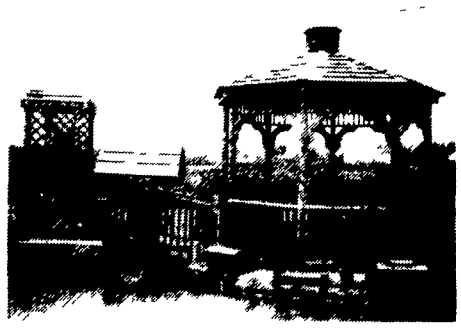
Sample as follows:

- Use a large plastic bag and take a few grab subsamples from each load throughout the day.
- Refrigerate the subsamples between loads until you're ready to take a composite sample.
- Mix all morning and evening subsamples together and take one composite sample.

Sampling While Emptying The Upright Silo

Because fermentation has

(Turn to Page B39)



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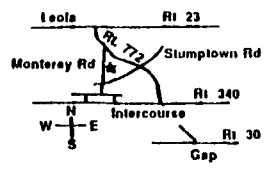

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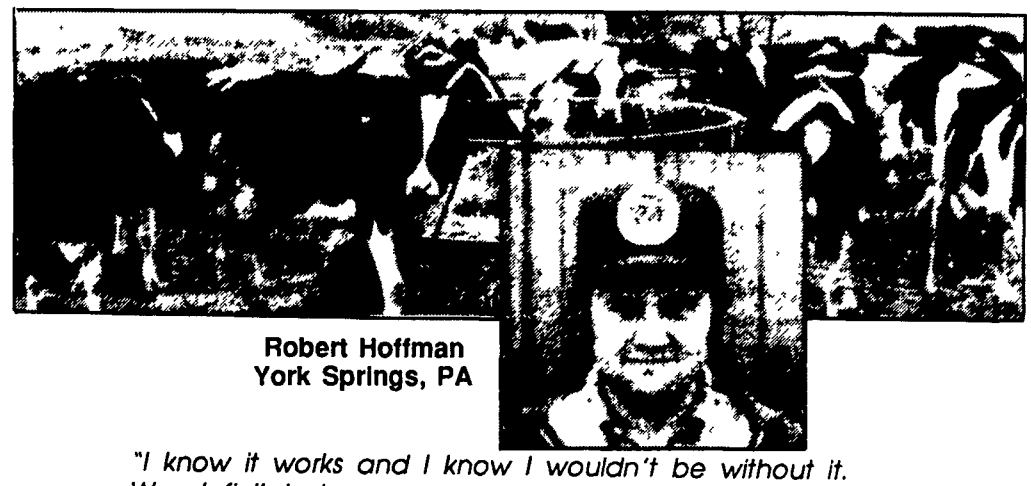

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(Continued from Page B38)

already occurred, sampling silage at feeding gives you the best estimate of feed value. Unfortunately, though, you may end up feeding certain lots of silage before you receive test results.

Sample as follows:

• Try to collect samples from at least 4 feedings. If you feed silage morning and night, take 6-12 samples from each feeding over two days.

• Collect a few seconds worth of silage falling from the blower in a pile or in a clean container. Repeat until you've obtained 6-12 samples. Do not grab samples from the unloader discharge chute since it separates heavy and light particles, giving an unrepresentative sample.

•Mix all morning and evening subsamples together and take a composite sample.

Sampling From The Feed Bunk

Feed bunk conveyors, augers especially, tend to separate heavy and light particles, so sampling from the bunk requires more care. Sample as follows:

• Select four or more 1- to 2-foot sections within the bunk.

• Remove all of the silage from each of the sections and reblend the particles by hand in separate, clean containers.

• Take a subsample from each remixed section, place in a pail, mix, and then take a composite sample.

Sampling The Horizontal Silo

How you sample the horizontal silo depends upon how you filled it. If the silo was filled top-to-bottom, then you would sample a top-to-bottom "slice" of the face. In this case you would grab more samples from the largest lot area.

If the silo was filled side-by-side, you may have to sample more often. When more than three or four lots of silage are placed unevenly in one silo like this, it is more difficult to know how much of each is being fed and how much mixing has occurred.

To sample "top to bottom" silo:

• Rake working face with a front-end loader.

• Select 12 grab samples from unspoiled areas of the face (3-6 inches in). Do not sample from the fallen material or from the slope at the end of the silo.

• Mix subsamples and collect a composite sample.

To sample "side-by-side" silo:

• Take 3 to 6 grab subsamples from each front-end loader bucket after it has been dumped into the bunk.

• If using mixer wagons, sample after mixing the silage but before adding other feed. *Make sure that the tractor engine and PTO are off!*

Sampling Pellets Or Cubes

Pellets are easily sampled, but they are not packaged or stored to represent a single lot.

To obtain a representative sample, select 10-12 random grab samples form each pile or one grab from each 10-12 bags. Mix subsamples and remove composite sample.

Sampling Pastures

Sampling pastures for testing is not recommended because what you sample is not likely to be what the animals graze. Gathering a representative sample from a pasture is difficult and the quality of pasture forage changes rapidly from day to day as the plant ages.

However, if you want to get an idea of the pasture's quality, use the "plucking method" to sample. Walk through the pasture and periodically take a handful of forage and cut it off two to three inches above ground. Next, air dry the samples (10-12 handfuls) in sunlight. After the forage dries, cut it into 1-inch pieces, mix thoroughly, and take a composite sample.

Reminders

• Make sure that your composite sample adequately represents your whole lot — otherwise, the lab analysis means nothing.

• Fill out all lab forms completely and accurately. Your description determines the procedures and calibrations that will be used on your sample.

• Use the lab results to help make good management decisions.

Fair Brings Agriculture To Philadelphia

Pennsylvania commodity organizations joined forces to celebrate Pennsylvania Pride Weekend at the fourth annual Pennsylvania Fair, May 16-19. The fair, held at Philadelphia Park in Bensalem, drew thousands of people with demonstrations, exhibits, rides, food, and more.

The commodity organizations had displays and sponsored several demonstrations. The highlight of these were recipe demonstrations prepared by the Restaurant School of Philadelphia City. The chefs prepared recipes featuring Pennsylvania commodities from fish products to asparagus. In addition, meat cutting and vegetable preparation demonstrations were held.

The following commodity organizations, along with the Pennsylvania Department of Agriculture, participated in the weekend's activities: PA Beef Council, PA Dairy Promotion Program, PA Sheep and Lamb Marketing Program, PA Vegetable Marketing and Research Program, PA Pork Producers Council and the PA Aquaculture Association.

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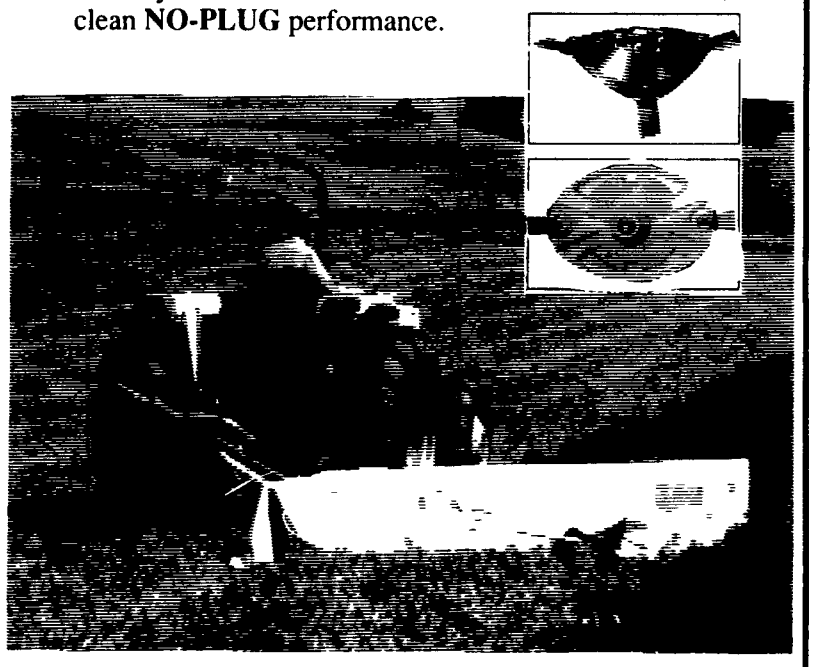

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Turkey Products Change

Milton Madison
Assistant Professor
Ag Economics
Penn State

Editor's note: This was presented at the Pennsylvania Turkey Conference, March 20, 1991.

There have been great changes in the turkey growing, processing, and marketing industries over the last 30 years. Turkey production has increased to six times what it was in 1960; increases for some parts of the year are even more impressive.

In 1960, turkey was a seasonal food reserved for fall holidays. Over 90 percent of the turkeys were produced and marketed during the last half of the year. By 1970, the portion of production in the fourth quarter had fallen below half, but 85 percent of the turkeys were still produced in the last half of the year. In 1980, third and fourth quarter production were nearly equal and 60 percent of the production came in the last half of the year. By 1990, the quarterly production levels were nearly even with 22, 24, 27, and 27 percent produced in the first, second, third, and fourth quarters, respectively.

Spreading production over the entire year has allowed the turkey industry to increase production much more rapidly than it has had to expand farm and slaughter capacity. When production took place primarily in the last half of the year, most turkey equipment was not used the other half of the year. With more equal production patterns, six times as much turkey meat is produced annually but only three times as much equipment is required. The benefits of using the equipment over a longer period of time each year makes up the difference. Fourth quarter production was only three times as large in 1990 as in 1960, while first quarter production was 35 times as large.

Changes in turkey marketing were necessary in order to utilize year-round production. In 1960, nine out of every 10 turkeys were marketed as whole birds. The pounds of turkey sold as whole birds has been relatively constant over the years. Whole body birds weighing 735 million pounds were sold in 1960; sales peaked at 799 million pounds in 1970, and have fallen to an estimated 671 million pounds (15% of turkey production) in 1990. Smaller family sizes and wider spread families result in smaller holiday gatherings and are probably limiting whole bird sales.

How have the vast increases in turkey production been marketed? The two major categories with sales increases have been cut-up and further processed. Availability of drum sticks, thighs, wings and breasts in consumer packs in the meat case have shown the development of the cut-up market.

Dark meat portions are lower priced and it usually is difficult for companies to sell enough dark meat to get the amount of white meat they need. It appears that recently the further processed dark meat products have become successful enough that the balance of product needs is changing. Reports of dark meat shortages have been heard recently and price relationships for turkey parts appear to be changing.

February turkey parts prices showed drumsticks and boneless thigh meat higher in price than for both previous Februarys, while breast portions were lower priced than the previous two years. It appears that the value of dark meat has increased and breast meat decreased, at least temporarily. Future price reports will confirm whether or not this is a shift in turkey demand or just a temporary shortage of dark meat.

Bull Test Sale Averages $1,909

ITHACA, N.Y. — The excitement of following the 1990-1991 New York Bull Test progress came to its peak at the annual sale recently here at the Livestock Pavilion on the Cornell University Campus.

The standing-room-only crowd saw 45 bulls displaying their New York State brand, signifying that they graduated and changed ownership — they are now at a new home and a new assignment.

The forty-five performance tested bulls averaged $1,909 at the 12th annual event, sponsored by the New York Beef Cattlemen's Association, Cornell Cooperative Extension, and New York Department of Agriculture and Markets.

Top price of $3,850 was for the Polled Hereford entry of Dunwalke Farm/Puddingstone, Far Hills, N.J., which sold to Brian Scofield of Addison, N.Y. Sired by Dunwalke Doctor K, Dunwalke K 024 had a 205-day weight of 490 pounds and a 365-day weight of 1202. The nine Polled Herefords averaged $2,511.

Two Charolais tied for top-selling honors. Mary & Bob's Farm, Hannibal, N.Y., consigned a son of Meadow View Romeo which brought $2,200 from Russell Somers, Jr., of Amsterdam, N.Y. Meadow View Farm of Frankfort, N.Y. consigned Meadow View Clancy, purchased by Percy J. Nickerson of Mayville, N.Y., also for $2,200. The five Charolais averaged $1,920.

Five Simmental bulls averaged $1,610 with the high-selling bull going to Nancy and Peter Zloch of Walden, N.Y. for $1,900. Consigned by Edgar Hussey, Jr. of South Berwick, Maine, MF Rex was sired by HPF Mr. Superstar.

Two of the Shorthorns presented were sold at the top price of $1,600. Stony Brook Farm of Locke, N.Y., consigned Stony Brook Sultan a son of HCH Sultan 55; purchaser was Willard Pengelly of Bergen, N.Y. Dennis Greene, Jr. of Youngstown, N.Y., bought the consignment of Ashwood Farm, Castle Creek, N.Y., which was sired by Esquire Player ET. The six Shorthorns averaged $1,358.

The lone Red Angus consigned by Ken Marquis of Ithaca, N.Y., sold with one-half possession and one-half interest to James Ford of Newport, Neb., for $1,600.

The 15 Black Angus averaged $1,820, with the top selling bull consigned by Advent Hill Farm of Hartland, Vt. The son of Grubbs MacKenzenzie was purchased by Kyburg Black Angus of Lyons, N.Y., for $3,000.

There were more than 100 registered buyers competing for these outstanding bulls. Thirty-four $100 rebate certificates were issued for culled beef bulls prior to the sale with several utilized in the night's purchases. Empire Livestock provided clerking services for the sale. Col. John Spiker of Jane Lew, W. Va. was the auctioneer.

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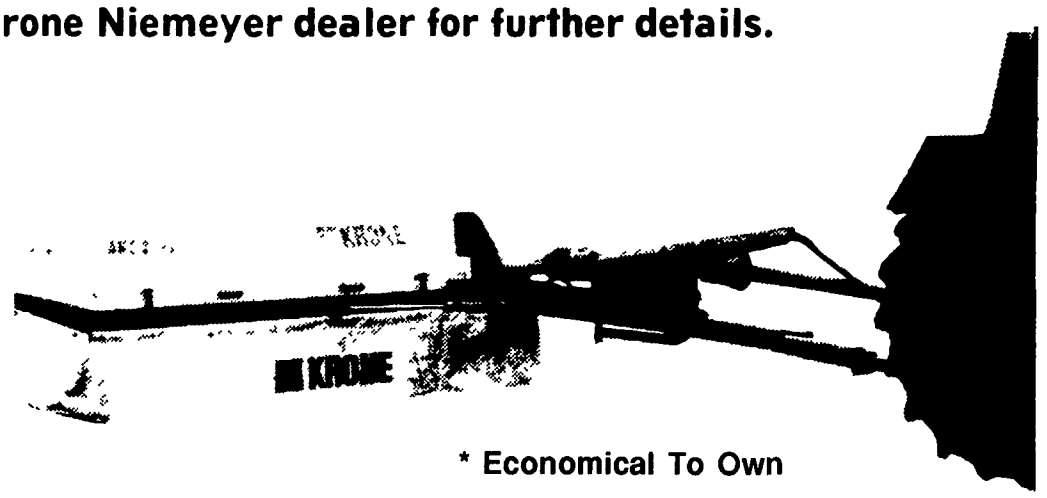

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Pennsylvania Dairy Herd Improvement Association

BREED CODES:

1 Ayrshire	5 Brown Swiss
2 Guernsey	8 More Than One Breed
3 Holstein	G Grade
4 Jersey	B Grade and Registered

March, 1991

The cow with high fat was owned by Joy-Wil Farms. The cow with high milk was owned by Roy & Ruth Ann Bender.

Joy-Wil Farms					
#Bonny	3	7-2	305	25,287	1221
Pamela	3	4-10	305	26,178	1126
Pat	3	3-7	305	24,172	991
Jenny	3	3-9	305	22,660	948
72	3	5-10	305	26,223	933
Pride	3	4-10	305	22,594	903
Suzzett	3	2-3	305	21,657	872
Dunwood Farm					
Jill	3	4-6	305	25,509	1096
CJ	3	3-9	305	22,559	1002
Cherry	3	3-0	305	21,189	969
Devine	3	2-6	305	22,181	911
Richard Hostetter					
98	3	4-9	305	23,420	992
18	3	6-10	305	22,527	857
David & Dawn Windle					
Beth	3	5-9	305	27,189	991
Star Point Jerseys					
Dee	4	5-4	305	18,472	968
Marilyn & Duane Hershey					
Annette	3	5-10	305	24,126	967
Anita	3	5-7	305	24,196	900
John S Stoltzfus					
Raisin	3	3-2	305	23,149	962
Rudy	3	4-11	305	23,074	890
Timothy Barlow					
Savanah	3	3-3	305	28,785	947
Elvira	3	3-4	305	23,678	917
#Natale	3	3-0	305	21,062	912
Elda	3	4-3	305	20,452	878
Walmoore 1					
645	3	5-1	305	21,949	940
639	3	4-11	305	21,232	894
Roy & Ruth Ann Bender					
H153	3	6-4	305	29,911	939
Hope	3	3-5	305	23,427	853
Ken & Marilyn Umble					
Rare	3	7-9	278	22,354	937
Megan	3	3-2	303	19,152	863
Landis S Reid					
136	3	6-5	305	22,567	907
Ardrossan Farms					
C B Bun	1	3-4	305	21,003	899
Charles J Moore					
Rae	3	6-6	305	26,382	894
Chris & Ches Stoltzfus					
Orella	3	6-5	305	25,241	890
Elk Spring Farm					
109	3	7-1	305	22,501	889
Walmoore					
409	3	5-6	305	19,618	888
William L Stoltzfus					
Sally	3	5-5	305	20,673	886
Dawn	3	6-11	304	17,610	880
David L Weaver					
19	3	3-6	305	20,341	876
13	3	4-7	305	21,441	858
Walmoore #3					
515	3	2-3	305	21,622	875
Breck-A-De Farm					
76	3	5-4	305	24,381	869
Abram P King Jr					
Carol	3	5-7	305	19,711	859
Nelson K Stoltzfus					
53	3	6-11	305	23,637	854
Benjamin K Kauffman					
Debbie	3	2-8	305	24,943	853
Wilknson Farm 1					
2805	3	1-11	305	22,033	852

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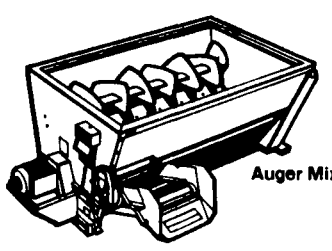
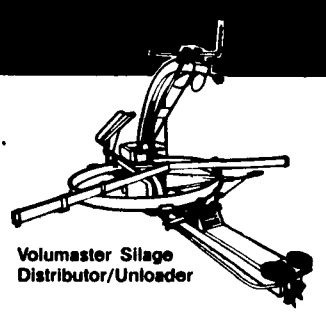


Auger Mixers



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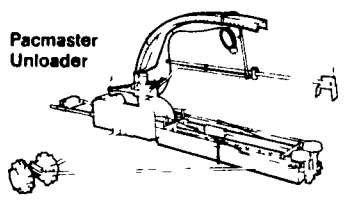
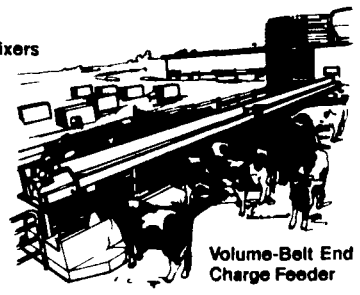
Big Jim Distributor/Unloader



Pacmaster Unloader



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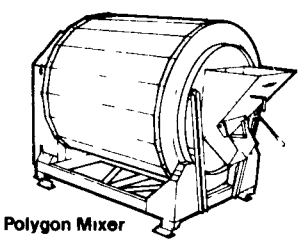

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Pennsylvania Dairy Herd Improvement Association

March 1991
Rolling Herd Averages

Name	Brd.	#Cows	#Days	Milk Lbs.	Fat Lbs.	Protein Lbs.
Cove Crest Farms	3	61.2	89.9	22,365	818	722
Paulden Farm	3	73.9	93.5	21,783	761	694
Meadow Creek Farm	B3	175.2	90.0	22,395	826	691
Paul+Steve Ritchey	3	74.3	87.8	21,459	819	687
Rod & Cathy Carson	B3	47.4	87.5	21,377	774	676
Paul & David Helsel	B3	107 3	88.8	20,906	735	674
Andy T Mohr	B3	65 0	92.8	21,546	777	674
Hidden Dream Farm	B3	44.3	87.7	20,513	724	667
Donald Bowser	B3	55.4	87.1	20,575	790	663
James + Karla Levy	B3	36.4	84.2	20,490	718	656
Allenor Holstein Frm	3	113.0	88.8	20,454	738	652
Sunny Four Farm Inc.	3	73.5	89.6	20,643	759	648
Pa-Riss Holsteins	B3	29.6	88.3	20,622	709	640
Garmandale Farm	3	63.6	86.7	20,299	774	639
Obie Snider	3	196.3	85.3	20,555	766	638
Duane + Linda Biddle	B3	46.9	87.8	20,373	735	638
John J Rissler	B3	34.8	88.2	20,296	733	631
Phil + Cindy Steele	B3	66 6	88.0	20,915	746	630
Snider Homestead	B3	19.0	85.3	19,128	712	630
Perry A Shaffer	B3	38.9	87.9	19,813	658	616
Rocky-Side Farm	3	73.7	89.8	19,496	674	614
Russell Guntz	B3	45.8	88.6	18,901	732	613
Raymond R Yoder& Sons	B3	61.9	88 2	19,171	745	612
Ch & Ross Hershberger	B3	172.2	89.3	18,800	755	606
K&D Farm	3	52.9	87.6	18,880	645	605
Gatesway Farms	G3	51.6	88.5	19,056	625	604
Allen Claar	B3	67.4	86.3	19,364	671	604
Roger R Brumbaugh	B3	43.8	84.7	19,123	680	603
JTJ Wakefield Farms	B3	102.7	87.6	19,049	731	601
James Eshelman	G3	110.2	90.5	19,888	718	600
Daniel Smith	3	83.6	90.9	18,483	723	596
Russell Wyles	B3	77.5	89.8	18,612	641	596
Dick & Eleanor Rice	G3	69.3	81.6	18,963	711	594
David H O'Neal	B3	59.1	83.2	18,654	662	592
Anthony Wertz	B3	73.5	84.8	18,882	684	588
Dale A Baker	B3	55.4	89.9	18,285	685	586
Denton Clark	B3	40.2	89 3	18,280	706	585
Harold S Zimmerman	B3	39.7	87.1	19,356	665	585
Paul I Detwiler	3	103.7	91.4	17,453	729	584
Morrals Dairy Farm	B3	69.4	86.7	18,376	665	581
Jerry L Hershberger	B3	135.0	86.9	18,449	690	577
Lo-Jo Farms	G3	171.0	86.5	18,117	637	572
Joseph Egolf	B3	51.6	88.9	17,221	644	571
Greg & Betty Shaffer	G3	32.0	90.6	17,132	656	565
Brubaker + Mellott	B3	88.5	85.0	17,984	583	564
R Clair & Alan Koontz	B3	76.6	88.3	17,705	669	563

Lactation Report

Allenor Holstein Farm					
Angel	3	05/10	26,510	947	852
#Encore	3	05/06	26,480	990	845
Handy-A	3	05/04	23,881	916	788
Lydia	3	04/10	21,900	906	718
Rod & Cathy Carson					
Lotus	3	05/03	26,458	868	862
Megan	3	05/10	21,431	872	775
Cove Crest Farms					
Jessie	3	05/04	27,071	914	858
Paul I. Detweiler					
194	3	08/08	21,043	900	742
James Eshelman					
741	3	03/10	23,966	850	694
Garmandale Farm					
Sandy	3	05/07	24,555	948	735
Russell Guntz					
64	3	05/03	21,115	908	700
Ch & Ross Hershberger					
Petunia	3	03/03	20,473	855	769
215	3	08/04	21,221	889	682
Judy	3	05/08	20,000	961	710
17	3	03/07	22,122	864	716
37	3	05/08	25,415	872	789
JTJ Wakefield Farms					
10	3	04/02	24,302	981	740
Juniata Farms					
33R	3	05/07	17,505	853	592
Lo-Jo Farms					
157	3	06/11	26,276	968	874
Meadow Creek Farm					
92	3	05/07	24,286	934	768
115	3	05/02	28,742	986	854
103	3	04/07	27,971	923	910

(Turn to Page B43)

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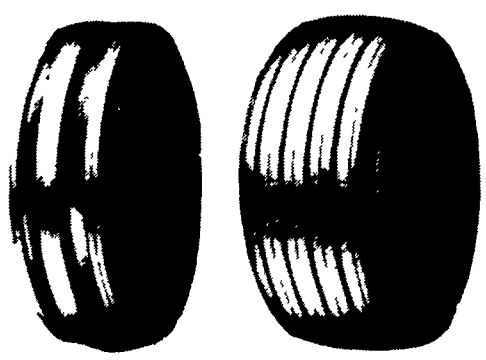

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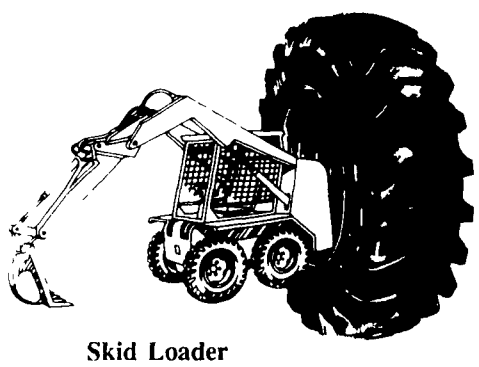

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Bedford Co. DHIA

(Continued from Page B42)

91	3	03/10	22,879	979	723
169	3	03/10	27,764	873	775
Andy T Mohr					
Mickey	3	06/01	24,125	875	794
Song	3	05/04	22,952	889	710
Katie	3	04/00	23,160	881	682
Ralaine Jerseys					
Starlit	4	10/05	18,220	804	619
Paul & Steve Ritchey					
216	3	06/03	23,638	1004	681
313	3	03/02	21,500	850	672
303	3	03/05	23,918	973	776
Snider Homestead					
Red	2	10/02	17,737	782	612
Obie Snider					
Minute	3	08/06	27,305	1119	882
Lucell	3	03/10	27,896	1082	763
Lolly	3	03/06	27,302	1021	837
Stan-El Jerseys					
Braddok	4	03/01	16,896	728	614
Anthony Wertz					
Blister	3	04/06	24,108	944	718
Raymond R Yoder & Sons					
Marth B	3	05/08	23,272	852	719

Bucks Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

February, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Joe & Linda Ford	3	51.5	85.0	22,097	711	710
R Galen Leatherman	B3	38.9	87.2	21,872	760	677
David&Sharon Bishop	3	101.8	88.2	21,037	745	669
Robert-Donald Crouse	B3	65.9	88.6	20,033	727	665
Paul L-Kevin Bishop	B3	66.2	88.6	20,837	705	664
David W Wurster	3	58.6	88.5	21,307	732	662
Crooked Acres Dairy	3	57.5	87.4	20,368	714	658
James Pavlica	3	55.8	88.6	19,804	698	634
Joseph Fleck	B3	52.4	87.8	19,729	693	632
Promise Land Dairy	B3	68.0	87.1	19,586	682	624
Breezyvale Farms	3	87.3	90.3	19,238	724	608
Delaware Val College	3	32.2	87.2	19,017	712	604
Joseph M Peters	B3	45.9	87.5	19,217	698	602
Moyers Village Farm	B3	79.7	87.0	19,165	711	594
Wo Bo Farms	3	49.1	88.1	18,821	707	593
Walter L Detweiler	B3	46.1	87.4	17,814	632	592
Roy Shull	B3	225.4	87.7	18,357	715	589
Harold-Tom Haldeman	3	89.4	88.2	17,975	674	583
Delaware Val College	5	6.4	84.2	16,679	696	582
Glendale Valley	B3	63.5	88.2	18,337	627	567
Ken & Virginia Hager	B3	45.8	88.6	18,157	619	564
Delaware Val College	1	10.3	85.3	16,781	643	561
Robert-Barry Gehman	B3	65.9	89.1	17,040	653	560

Lactation Report

David W Wurster					
Chiffon	H	5-2	305	23,718	754
Prize	H	3-5	305	20,547	633
Glendale Valley					
46	H	6-9	305	24,354	745
Robert-Donald Crouse					
Lolly	H	10-4	305	19,660	633
Verna	H	5-4	305	20,684	654
Vera	H	3-2	305	19,909	606
Pauline	H	2-8	305	24,816	755
Warren-Ray Detweiler					
130	H	4-10	305	21,957	659
Roy Shull					
640	H	6-4	305	21,180	643
Penrose & James					
Supreme	H	4-6	305	21,424	686
Joseph M Peters					
Dynasty	H	6-10	285	25,120	703
Ashley	H	5-5	305	21,293	657
James Pavlica					
Valerie	H	6-6	305	21,784	692
Ginny	H	5-5	305	20,787	628
Paul-Patti Keeler					
Nicole	H	5-10	305	20,372	616
Robert-Barry Gehman					
Lynn	H	8-4	305	23,173	702
Wo Bo Farms					
Miriah	H	4-4	305	22,502	676
Junna	H	3-5	305	20,000	655
William H Garges					
E237	H	4-3	305	19,858	622
R Galen Leatherman					
Windy	H	3-1	305	24,158	649
Rocky	H	2-1	305	17,819	602
Promise Land Dairy					
Vicki	H	8-11	305	22,320	714
Joseph Fleck					
23	H	5-1	301	19,888	615
15	H	3-0	282	22,668	689
Breezyvale Farms					
Lynn	H	6-3	305	21,437	741
Delaware Valley College					
Leah	H	3-4	305	21,965	720
Richard O Smith					
Dode	G	4-6	305	15,607	608
David & Sharon Bishop					
Sonja	H	3-0	305	21,142	693
Harold-Tom Haldeman					
Joy T	H	2-2	305	18,774	656

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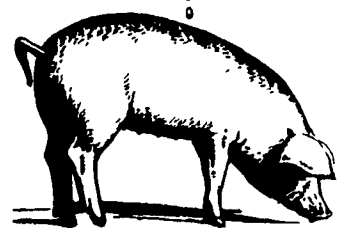

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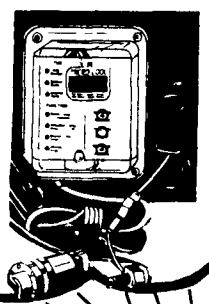

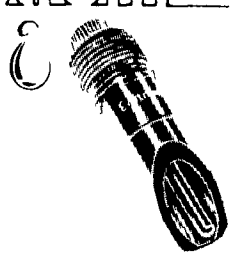

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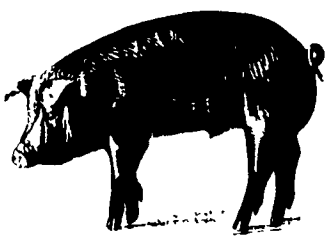

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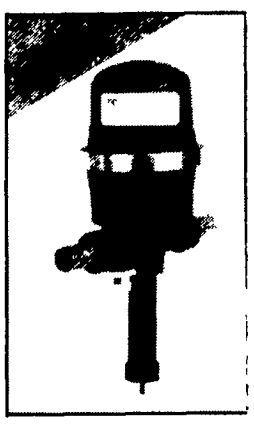

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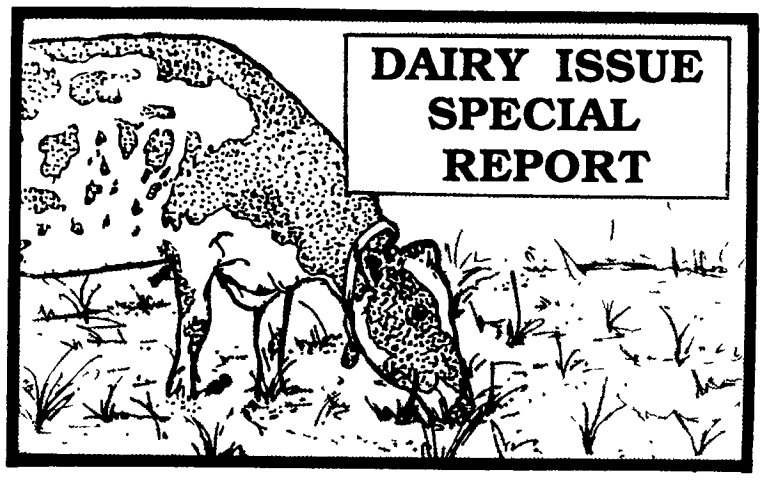

ALFALFA HARVEST STRATEGIES

Dr. Marvin H. Hall
Forage Extension Specialist
Penn State University

The main considerations in developing an alfalfa harvest strategy have traditionally been yield, persistence, and quality, in that order. The relative importance of these considerations are changing as varieties and producer's needs are changing.

Yield and persistence were once the primary concerns of producers and cutting at full flower was a common practice. However, with the release of multi-disease-resistant varieties which have a broad range in dormancy levels, producers now have considerable flexibility in choosing a harvest management strategy to meet their needs.

In the past, forage quality was difficult to accurately and rapidly determine. Therefore, high quality forage did not receive a premium and its production went virtually unrewarded.

With the development of accurate and rapid methods of determining forage quality and the realization that greater forage quality results in greater animal performance, it is becoming a major criterion in the development of alfalfa harvest management strategies.

Stand yield and persistence are still of concern, but of lesser importance. Many alfalfa producers currently plan on maintaining an alfalfa stand for only 3-4 years. With these changes in mind, it is important to understand some basic principles of alfalfa development in order to better develop a harvest strategy.

Alfalfa Developmental Relationships

1 . Forage yield increases as the plant matures until full flower (Table 1). However, leaf loss from the lower stems reduces the rate of yield increase after first flower. Increases in alfalfa yield beyond

(Turn to Page B45)

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(Continued from Page B44)

first flower, therefore, are attributed mainly to increases in lower quality stem material.

2. Alfalfa forage quality is greatest when alfalfa is immature and still vegetative. With increasing maturity, the nutrient concentration of alfalfa declines rapidly (Table 1). This decrease in quality is associated with increases in lignin and other nondigestible fibrous constituents in the stem and a decrease in leaf proportion.

3. Stored carbohydrates in the root decrease during the initiation of regrowth, then accumulate until plants are at full flower (Table 1). Carbohydrate reserves in the root provide energy for regrowth in the spring and after harvest. Highest levels of root carbohydrate in alfalfa occur at full flower and these levels have been associated with increased stand persistence.

Table 1. Effect of alfalfa maturity on yield, quality, and root carbohydrate levels.

Maturity	Yield	Crude protein	Acid detergent fiber	Root carbohydrate
	Tons/acre		%	
Bud	2.2	21	30	28
1/10 bloom	2.4	18	34	34
Full bloom	2.5	14	40	38
Seed	2.3	11	42	32

Harvest Strategies

Seeding Year

Harvest of alfalfa which is spring seeded without a companion crop should not be delayed in an attempt to improve persistence. Young alfalfa stands (seeding year) are capable of persisting under more severe harvest management practices than older alfalfa stands.

Cutting of alfalfa 40 days after seeding does not lower stand persistence compared to cutting 80 days after seeding. Timing of the first harvest after seeding, however, does effect alfalfa yield and quality. Harvesting the newly seeded alfalfa between the bud and 10 percent bloom stage of development produces the greatest dry matter and quality yield.

Harvesting earlier produces less dry matter and harvesting later results in less nutrient yield per acre. If soil fertility is optimum, the stand appears healthy, and a highly-disease resistant variety of alfalfa was seeded, then harvesting at the bud stage should be considered as a harvest management option.

When a companion crop is spring seeded with the alfalfa, harvesting of the companion crop dictates the timing of the initial alfalfa harvest. Alfalfa seeded during late summer or early fall is usually well established by the following spring and can be subjected to the same harvest regime as established alfalfa.

Cutting alfalfa for the first time at a stubble height greater than 3 to 5 inches does not improve persistence but does lower yield. Yield reductions of approximately 35 percent are reported when alfalfa is cut at 9 inch compared to 3-inch stubble height.

Established Stands

Although the highest quality forage is obtained by cutting immature alfalfa, forage yields and root carbohydrate reserves are usually reduced by cutting at immature stages, and long-term persistence is less likely when plants are stressed in this way. Therefore, cutting at first flower or one-tenth flower has generally been recommended as a compromise to achieve moderate forage quality and provide adequate root carbohydrate reserves for stand persistence.

Goals of the producer and local growing conditions will influence harvest management decisions. Goals should be based on relative importance of yield, quality, and persistence in a specific farming system. Producers who grow hay for dairy animals place a very high importance on quality and may routinely harvest alfalfa at the bud stage. If the hay is produced for maintenance of beef cows, then maximum yield is more important than forage quality and harvesting at one-tenth flower may be more profitable.

Late fall cutting has traditionally been associated with reduced stand persistence, because of potential carbohydrate reserve depletion and removal of stubble which catches snow and reduces soil temperature fluctuations. Fall cutting often increases stress on the alfalfa plant, but the risk of stand loss can be minimized by assessment and/or control of harvest intervals, alfalfa variety, soil conditions, and probable snow cover during the winter.

If soil moisture is excessive, or poor drainage conditions exist, fall harvest may be more risky than under dryer conditions or in well-drained soils. A general recommendation to avoid fall cutting is too conservative for producers who attempt to maximize forage quality, short-term nutrient yields, and profit from an alfalfa stand.

Current harvest management strategies for producing high quality forage are possible only in a complete management package. Key ingredients in such a package are variety selection and soil fertility management.

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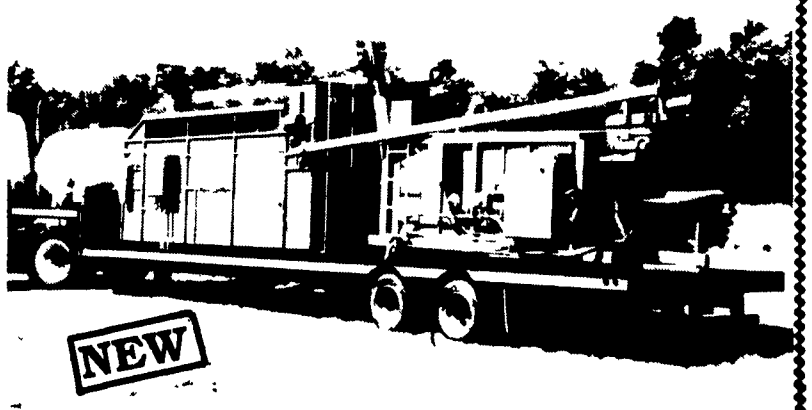

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Farmers Union Promotes Dairy Program Alternative

DENVER, Colo. — While wholesale milk prices hover at the lowest levels in 13 years, dairy farmers are looking to Washington for relief from the bankruptcy-causing prices.

The low prices have led to meetings, demonstrations and even protests among farmers from New York to Idaho.

The National Farmers Union says as many as 10 dairy operations have gone out of business in Minnesota each week since January 1. And, reports that farm families have applied for food stamps have circulated in the Northeast.

All the unrest has led to some consensus among dairy producers as to the changes that need to be made in dairy policy, said National Farmers Union President Leland Swenson.

"At meeting after meeting, dairy farmers have said they want a two-tier supply-management program that's based on production costs," said Swenson.

The U.S. Department of Agriculture was scheduled to release recommendations for a dairy supply-management program this past week. That announcement is to be followed by a two-week comment period during which producer groups will recommend changes to USDA before a final report is issued to Congress next month.

Currently, farm and dairy organizations are formulating their recommendations — already nearly 100 recommendations have been submitted to USDA during the department's initial evaluation.

NFU has submitted a two-tier supply and pricing system to USDA which would be based on cost-of-production estimates. The NFU plan would establish support prices that would help farmers recoup their production costs on one level of production, then provide a disincentive for overproduction by sharply cutting the support level on the second tier.

"Dairy producers support this concept, but it must be centered around price levels that will return production costs to the producers," said Swenson. "Anybody that's proposing a support price level that doesn't clear the true cost of production does not represent the interests of farmers."

Dairy prices received by farmers have fallen by as much as 30 percent since August to a level estimated to be at least $3 below what it costs to produce a hundredweight of milk.

"Nobody can continue in business like that," Swenson said. "That's why the debate over the supply-management question is so important and why it has to be acted on quickly."

American Farmland Trust Seeks Nominations

WASHINGTON, D.C. — The American Farmland Trust (AFT) is now accepting nominations for its eigth annual agricultural conservation awards.

These awards honor individuals and organizations across the country who have made outstanding contributions to the protection of our agricuitural resources. AFT, a national, nonprofit, membership organization dedicated to protecting farmland, established the awards in 1984 lo encourage broad participation in agricultural resource conservation.

Awards are presented on three levels — federal, state, and local — in four categories: public policy and program development, public education, model land protection projects, and corporate achievement.

Nominations should include a one page summary Gf the candidate's accomplishments. Supporting documentation, not to exceed 10 pages, is accepted and may include such items as letters of recommendation, detailed descriptions or examples of the candidate's accomplishments, or newspaper and magazine articies. Self-nominations are permitted. All nominations must include the names and addresses of the nominee and nominator.

Materials should be sent to AFT's Washington office at 1920 N. St., NW, Suite 400, Washington, DC, 20036, to the attention of the awards coordinator. All nominations must be received by August 1. Awards will be presented at a ceremony this fall in Washington, D.C.

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5-91	Lancaster	56.2	203	85.7	21,631	73.9	763	3.5	682	3.2	12.7
4-91	Lancaster	53.8	198	91.0	21,589	69.5	774	3.6	691	3.2	14.5
4-91	Lancaster	45.8	208	89.2	21,267	65.3	745	3.5	671	3.2	13.0
5-91	Lancaster	69.6	165	88.2	20,364	58.7	751	3.7	646	3.2	13.5
5-91	Lancaster	55.4	202	92.1	20,160	69.9	781	3.9	635	3.1	12.6
4-91	Lancaster	47.9	208	85.1	19,999	69.7	714	3.6	622	3.1	13.5
4-91	Lancaster	36.9	193	85.1	19,927	69.7	720	3.6	614	3.1	13.5
4-91	Lancaster	45.3	214	92.1	19,836	63.0	756	3.8	637	3.2	13.4
5-91	Lancaster	41.6	187	88.3	19,811	60.0	669	3.4	625	3.2	13.2
5-91	Lebanon	55.4	201	89.7	22,916	70.6	817	3.6	716	3.1	13.2
4-91	Lebanon	51.6	186	85.5	20,494	72.4	715	3.5	658	3.2	14.2
5-91	Lebanon	75.2	180	85.6	20,386	71.5	705	3.5	628	3.1	13.6
5-91	Berks	56.2	165	89.0	21,478	71.4	765	3.6	662	3.1	13.0
4-91	Chester	60.0	195	86.5	19,587	59.4	679	3.5	613	3.1	13.2
4-91	Northern	64.3	184	86.4	22,608	79.4	816	3.6	696	3.1	12.5
4-91	Aera	59.8	188	87.0	22,342	67.7	767	3.4	709	3.2	13.0
5-91	Counties	59.3	169	87.7	20,104	68.4	720	3.6	624	3.1	13.1
	Average	56.7	190.2	87.9	21046.6	68.9	751.8	3.6	661.4	3.1	13.2

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FMC, EPA Reach Furadan Settlement

PHILADELPHIA — FMC Corporation recently announced it has reached a negotiated settlement with the U.S. Environmental Protection Agency regarding use of granular Furadan, an insecticide/nematicide that has been under special review by the EPA for avian risk since October 1985.

This agency review has not been based on human health issues. The settlement will reduce use of the product over the next three use seasons. Volumes sold by FMC will be capped and will decrease each year leveling off in the 1995 use season to an amount to maintain registrations on five minor uses.

"As part of the multi-year phase down to reduce use of granular Furadan, we will eliminate its use in selected geographies and also eliminate certain application methods prior to the start of the next growing season," said Earl Morgan, general manager of FMC's Agricultural Chemical Group, manufacturer of the product. "We will voluntarily cancel major use registrations on corn and sorghum by the end of 1993, and on rice by the end of 1994, subject to agency reviews before the use on these crops is scheduled to end. However, we will retain certain minor crop uses indefinitely."

After September 1, 1991, statewide registrations will be voluntarily withdrawn in Connecticut, Delaware, Florida, Maine, Maryland, Massachusetts, New Hampshire, Rhode Island, Vermont and Virginia. Also the coastal counties of the following states will generally not be labeled for granular Furadan use after this September: North Carolina, Oregon, South Carolina and Washington. In California, corn and sorghum use will be voluntarily withdrawn September 1, 1991, allowing only minor uses, including rice, in the state. Also, the corn foliar broadcast application will be discontinued nationwide after September 1, 1991.

Registration changes for the 1993 use season (after September 1, 1992) include maintaining sorghum registrations in only three states: Kansas, Nebraska and Texas. Nationwide crop registrations will also be voluntarily canceled in the 1993 use season for alfalfa stand establishment, cotton, peanuts, peppers, soybeans, sugarbeets and sunflowers.

Corn and sorghum will not be a labeled use after September 1, 1993, and rice will be taken off the label after September 1, 1994. For these three crops, the agreement includes an informal EPA review provision prior to their deletion from the label. In the fall of 1993, the Agency will assess FMC information and comments from the public on the risks and benefits of the corn and sorghum uses and may alter the planned program based on that input. The Agency will also review rice use, either at the same time or in 1994.

The settlement calls for an orderly phasedown of product through the distribution chain. Material no longer in the hands of FMC and in the hands of distributors, dealers and growers may be used as labeled, even after the crop label expiration date. However, for corn, sorghum and rice, product may be used for only one year after the crop label expiration date.

FMC said the negotiated settlement was an opportunity to end the Special Review without a prolonged, burdensome, and expensive litigation process. "At the same time," said Morgan, "the settlement provides a framework through which the agricultural industry can continue to benefit from this popular and effective crop protection product for some period. The orderly transition established by the settlement allows FMC to continue to serve its customers while developing new and current products as alternatives to granular Furadan."

Morgan noted that FMC continues to disagree with the EPA on its assessment of avian risk. "However," he said, "we also recognize that despite the exposure reduction measures and stewardship programs we put in place, we were unable to achieve a risk reduction acceptable to EPA while indefinitely maintaining major crop uses."

Penn State Hosts American Hort Society

UNIVERSITY PARK (Centre Co.) — Penn State's Department of Horticulture will host the 88th annual meeting of the American Society for Horticultural Science (ASHS) July 19-24 on the University Park Campus.

The ASHS annual meeting is one of the largest gatherings of professionals working in horticultural research and industries. More than 2,000 people are expected to attend.

"The program will be of interest to professionals in horticulture and related agricultural fields, such as plant pathology, food science and entomology," said Dr. Stephen Wallner, head of the horticulture department and general chairman of the annual meeting.

The meeting will include more than 400 oral presentations and 400 posters on topics such as plant breeding, expert systems, pesticide safety, fertilizer management, integrated crop management, and marketing.

Also scheduled are three colloquia on food safety, sustainable vegetable production, and management of postharvest disease control resistance in horticultural crops.

Three preconference tours will showcase horticultural industries across the state. Five additional tours will highlight research at the University Park Campus and the Russell E. Larson Agricultural Research Center.

University President Joab Thomas and Lamartine F. Hood, dean of the College of Agriculture, will welcome members of the society at the opening plenary session in Eisenhower Auditorium, Sunday, July 20, at 2:15 p.m.

The William A. (Tex) Frazier Lecture will immediately follow. Dr. E. T. York, distinguished service professor at the University of Florida, Gainesville, will speak on sustainable agriculture.

Auxiliary events include a welcoming reception and dinner, a social for university alumni groups, a golf tournament, and a square dance.

For more information about registration, contact the American Society for Horticultural Science at (703) 836-4606.

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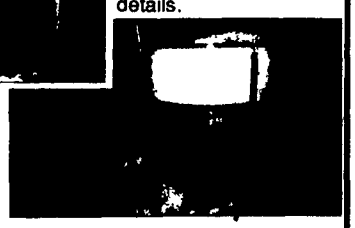

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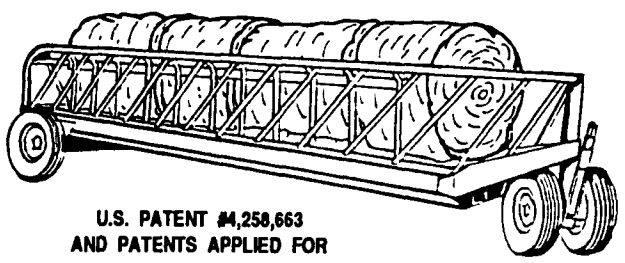

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20'	35
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31x1150R15	$119.00
33x1250R15	$129.00
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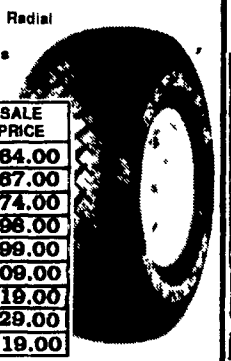

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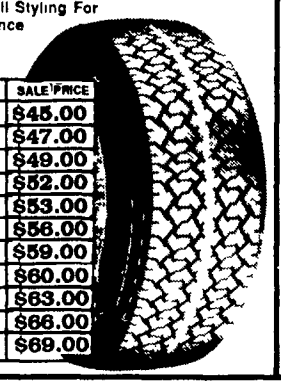
P19575R14	$56.00
P20575R14	$59.00
P20575R15	$60.00
P21575R15	$63.00
P22575R15	$66.00
P23575R15	$69.00



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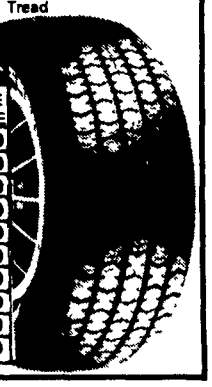
P20570R14	$59.00
P21570R14	$62.00
P22570R14	$65.00
P21560R14	$62.00
P21565R15	$66.00
P19560R15	$56.00



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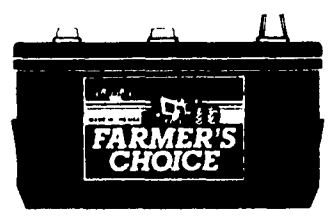

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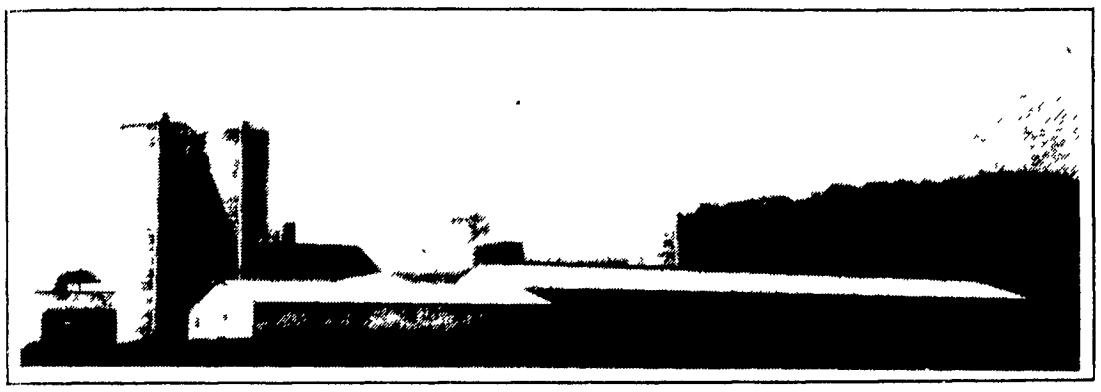

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- 3 lbs. Alfalfa Hay
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- 7.5 lbs. 32% Hi Fat AminoTek
- 3.6 lbs. Roasted Beans
- .6 lbs. Energy Booster
- .92 lbs. Minerals, Buffer, Niacin, Yeast

	Master Mix®	Past Program
Date	4-27-91	*
# Lactating Cows	126	128
Production/Cow/Day	84.3	82
DHIA Rolling Herd Avg	25,853	23,600
Butterfat Test, %	4.0	3.8
Pounds Butterfat	986	899
% Protein	3.2	3.2
lbs. Protein	819	750

*** Deer Season '89 Switched To Master Mix ProTek®, Feb. '91 Switched To AminoTek**

ROUGHAGE PROGRAM

- 25 lbs. Haylage
- 25 lbs. Corn Silage
- 9 lbs. Alfalfa Hay

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- High Moisture Ear Corn
- AminoTek 32% High Fat
- Oats

(Base Ration Fed According To Production)

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	Master Mix
Date	5-15-91
# of Lactating Cows	48.6
Production/Cow/Day	77.9
DHIA Rolling Herd Avg	21,712
Butterfat Test %	3.4
Pounds Butterfat	746
% Protein	3.2
Lbs. Protein	694

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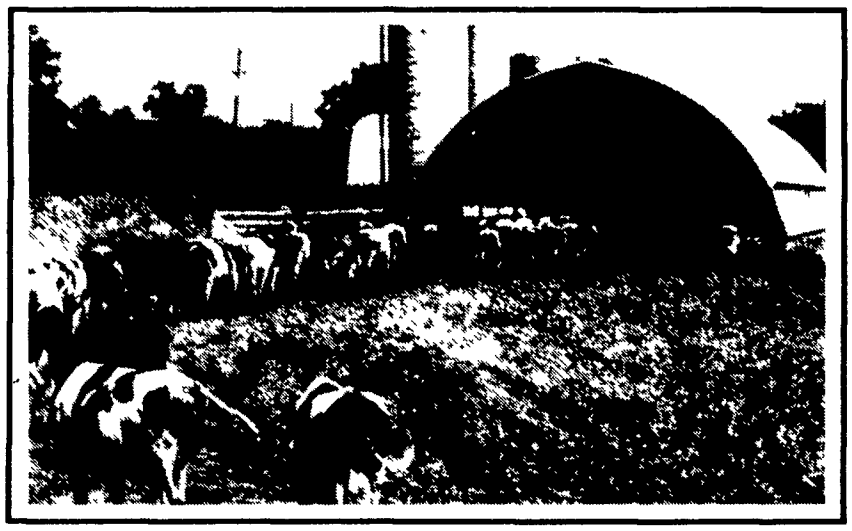

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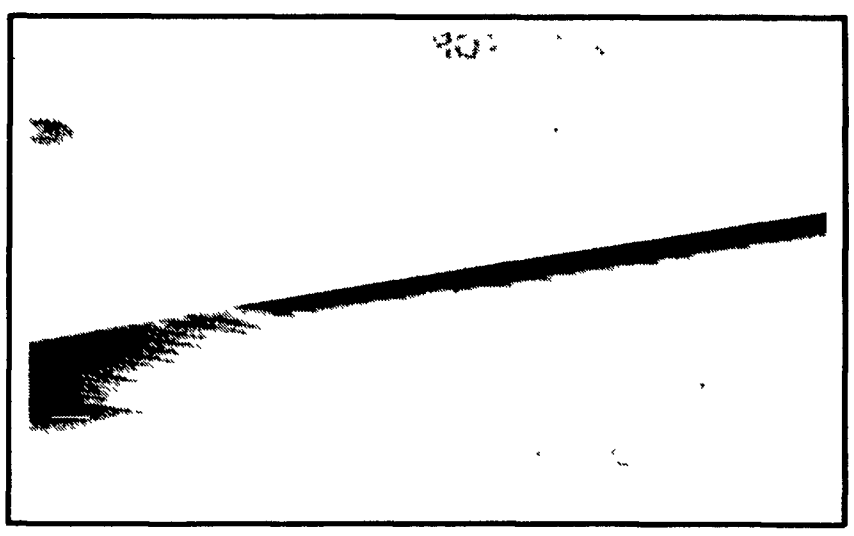

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Rigidply laminated arch design, we believe, is the best for more air flow which contributes to the life of the barn or structure The key to this is our continuous ridge ventilation system, which allows air flow throughout the barn Air enters at the heel area and continues a natural flow of air to the top of the roof The ridge vent which is located at the top of the roof is designed to be most effective with minimum air obstruction creating a chimney effect of drawing bad air out and fresh clean air in The roof vent opening is designed to protect the opening from normal elements such as rain and snow The result is a better building for your needs and a healthier environment for your valued livestock and yourself Another outstanding feature or advantage with having your building constructed of Rigidply Laminated Gothic Rafters is that there is very little place for bird roosting and nesting This is very important in helping to keep a clean and desirable place to work on a day to day basis, which means satisfaction

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David Kradel Herbert Jordan Milton Madison John Schwartz

Penn State
Poultry Pointers

Tom Dimick Ag Engineering

Herbert Siegel Donald Singletary Andrew Yersin

THE DAYS OF THE EASY DIAGNOSIS ARE OVER

Donald L. Singletary
Dept. of
Veterinary Science

Recently, a concerned, perplexed serviceman brought some broilers to the Penn State Poultry Diagnostic Laboratory. He listed the following information on the admission form about the flock/farm health problem: 1) Grower is experienced in broiler production. 2) Buildings are not new but they are adequate. 3) Equipment is in working order. 4) Management practices are acceptable. 5) Mortality is generally low, perhaps 2-3 percent per flock. 6) They have not been able to find any problems within the production facilities.

The serviceman's report continued: "This farm generally has low weights (4.24 — others have 4.40-4.6). Conversions are generally higher — 2.30 instead of 2.20. The plant has problems with color from birds on this farm." He then states: "We should find a reason for these problems."

The serviceman brought four 7-week-old broilers (3 live, 1 dead) in for diagnostic examination. At necropsy, the dead bird was found to have yellow exudate throughout the body cavity — a typical air sac/E. coli-infected bird. The three live birds, however, didn't have any specific disease lesions. Their bursae were small and some of the "white caps" slipped off the femoral head. The birds did not appear to be eating and their weight was only fair.

Various laboratory tests conducted gave only a few clues to the possible cause of the poor flock performance that the serviceman described. Coccidiosis was ruled out based on negative results on fecal smears and microscopic examination of intestinal sections. Blood tests indicated that MG and MS were not involved; however, the tests were positive for Gumboro and one of 3 samples was positive for reovirus. In addition, the bursae were severely damaged when examined under the microscope. This damage is considered a sign of immunosuppression and evidence of probable exposure to Gumboro disease.

What is *your* diagnosis? The serviceman/company are looking for answers. Is disease the primary cause of the problem? Is the problem simply a Gumboro problem? Many other things can cause small bursae and immunosuppression; and, how much of a problem is reovirus? Is house environment/management involved? Could the birds' not eating, poor weight, and feed conversions be due to some house environmental factor or feeder management problem? What's causing the poor color? To what extent is feed formulation and/or nutrition involved?

This case represents how difficult it is for a poultry diagnostic lab to make a diagnosis of some flock health and performance problems. The answer to this situation is tha much more information is needed.

Some of today's health and performance problems seemingly require a mini-research project to solve. A positive diagnosis is nearly impossible based on a single examination of a few birds. Diagnostic labs are geared to diagnosing problems caused by specific disease organisms (viruses, bacteria, etc.). Thus, management errors and subtle nutritional problems are difficult to diagnose in the laboratory.

Many of today's health/performance problems, indeed, have no easy answers.

S. Jersey All-Breed Beef, Heifer Show Held

CLAYTON, N.J. — The South Jersey All Breed Open Beef and Heifer Show was held on Saturday, May 11 at the Gloucester County 4-H Fairgrounds in Mullica Hill.

The judge for the day was Pete Lohr, manager of Kings row Farm in Asbury, N.J. The results are as follows:

Junior Fitting and Showmanship
1. Leann Tice with Shawna (Cumberland County), 2 Rose Marie Sylvester with Onyx (Gloucester County)

Intermediate Fitting and Showmanship
1. Travis Tice with Jersey Made (Cumberland County); 2. Paul Banff with BFS High Ryder (Gloucester County)

Senior Fitting and Showmanship
1. Jim Hampton with Kruger Blackbird Finesse (Cumberland County), 2 Mitch Leonarski with The Witch Doctor (Gloucester County)

Older and Bolder (Over the hill gang)
1. Chris Tice (Cumberland County); 2 Greg Faber (Hunterdon County)

Angus Heifer
Grand Champion
Jim Hampton with Krugers Blackbird Finesse (Cumberland County)

Cow Calf
1. Jim Hampton with Annie M #7062 of GU by Grubs McKenzie — Calf at side, Cherry Brook Black Zack by Hi Speed

Polled Hereford Heifer
Grand Champion
Paul Banff with BFS Highryder (Gloucester County)

Reserve Champion
Jim Banff with Dunwalke Stacy #102 (Gloucester County)

Simmental Heifer
Grand Champion
Travis Tice with Jersey Made (Cumberland County)

Reserve Champion
Leann Tice with Shawna (Cumberland County)

Overall Champion Heifer
Jim Hampton with Krugers Blackbird Finesse (Cumberland County)

Reserve Champion Heifer
Travis Tice with Jersey Made (Cumberland County)

Angus Steer
Grand Champion
Frank Sylvester with Mr No Name (Gloucester County)

Reserve Champion
Sarah Knight with Jim Bob (Warren County)

Crossbred Steer
Grand Champion
Bergetta Sylvester with Black Jack (Gloucester County)

Reserve Champion
Paul Banff with Kodiak's Prize (Gloucester County)

Polled Hereford Steer
Grand Champion
Mitch Leonarski with The Witch Doctor (Gloucester County)

Reserve Champion
Amanda Sylvester with Socky (Gloucester County)

Simmental Steer
Grand Champion
Doug Gant (Gloucester County)

Reserve Champion
Eric Griffin with Energizer (Gloucester County)

Premier Exhibitor
Paul Banff of Mantua

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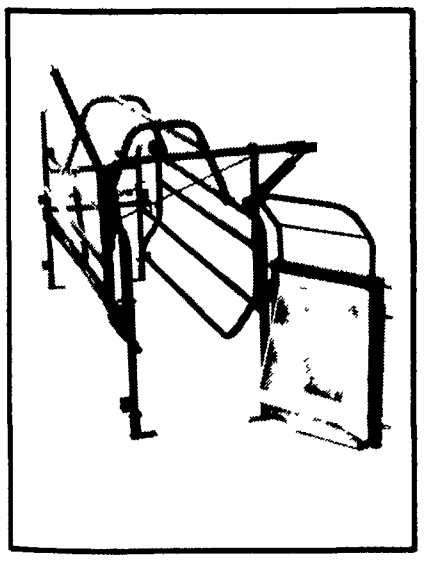

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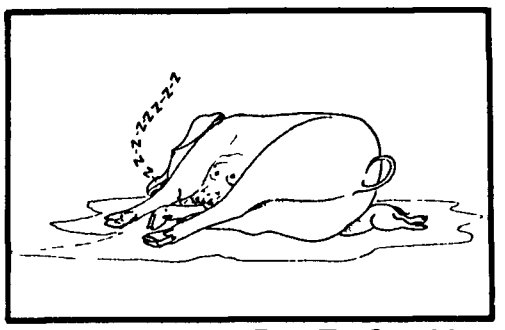

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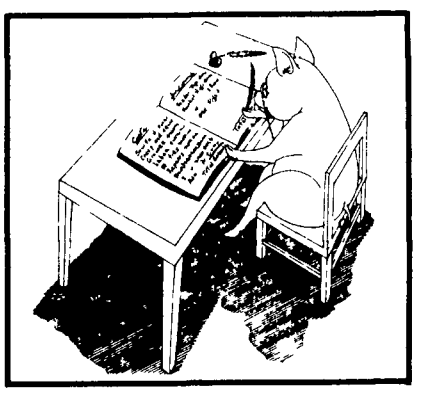

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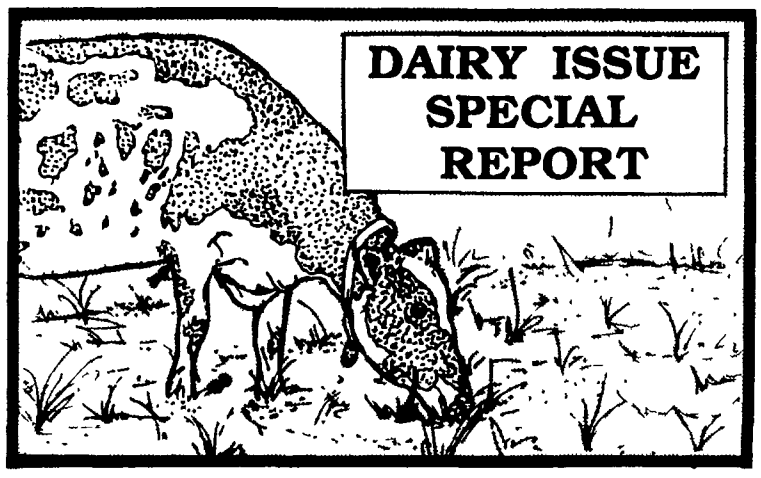

HOW MUCH DOES YOUR "HERD BULL SAVINGS" COST YOU?

Duane Duncan
Cumberland Co. Agent

Many dairymen are using the natural service of a dairy herd bull and believe they are saving time and money — time maybe, dollars very seldom. Consider these factors before putting that young bull with the heifers, using a clean up bull or a herd bull instead of AI.

Bulls are dangerous — even "gentle" bulls have been known to put family members, hired hands, and even dairymen in the hospital for weeks. Time savings? To say nothing of the cost of hospital and doctor care expenses. Just stop and think how many times you have read in the paper or heard of a bull causing bodily injury or worst yet have it happen to someone in your family.

Natural services have the potential to spread reproductive disease among cows — vibriosis and trichomoniasis are the two veneral diseases most often associated with natural service. Also the herd bull can readily spread non-specific infections from cow to cow. Once vaginal and uterine infections are prevalent they seem to be persistant and difficult to control. Such infections significantly contribute to repeat breeding problems.

Many herd bulls provide little genetic gain — most studies do not reveal any genetic advantage to use natural service over AI sires. Dr. Dennis Fink of the University of Wisconsin suggests that dairy farmers using AI bulls can safeguard themselves from the financial pitfalls of breeding too many cows to a bull of low genetic merit, or breeding too many cows to a bull whose proof may decline as more information becomes available.

Using a group of AI bulls reduces the risk that any one bull will have much of a negative impact on the herd as compared to when you use one natural service bull for an entire group of heifers. Only rarely are such herd bulls as high in genetic merit as an active AI bull. Heifers many times make up 1/3 of the herd and by mating a poor genetic merit bull with the heifers can cause severe financial problems for the herd.

Although natural service Holstein sires in the July 1990 information averaged plus $10 PTA + MFP, any one bull could be substantially below this. The information also indicated active AI sires were projected to generate $150 more per lactation than a heifer sired by a natural service sire. With these odds one cannot afford not to use AI.

Using a group of AI sires, even a group of AI young sires, avoids the problem of putting "too many eggs in one basket" by breeding a large portion of the herd to any one bull.

Accurate recordkeeping almost impossible. Figuring conception dates and estimating dates when cows should be dried off many times becomes quite difficult when using a herd bull. Proper dry cow treatment becomes complicated if freshening dates are inaccurate.

But it doesn't cost much to keep a bull, you say! Maybe not, but you could easily keep another yearling heifer instead. If it cost $1,000-$1,200 to raise a replacement heifer, you can assume it will cost nearly the same to raise a bull. Thus the way I calculate, it would equal 83 $12.00 AI services.

Most studies indicate raising or purchasing, and maintaining herd bulls will substantially increase your breeding and semen expenses — possibly doubling them. I must admit one advantage of having a herd bull with the herd is that it will or should keep feed salesmen, visitors and extension agents out of the housing facilities.

With today's financial crunch, inconvenience is not a legitimate excuse for failing to adopt a proven management tool such as artificial insemination. It will take an extra management effort for accurate heat detection, timely insemination and reproduction health care, but good conception rates can be achieved.

Dairy Science Extension leaflet 86-16, entitled "The Economics of Using Artificial Insemination," indicates that research studies confirm that high production can be maintained without sacrificing reproduction.

Aerotech Improves Aero-Buffle Inlet

LANSING, Mich. — To help producers improve the ventilation in their poultry and swine buildings Aerotech, Inc., has introduced a redesign of its popular Aero-Baffle air inlet that can reduce condensation, and prevent drafts and air stagnation while improving building appearances.

The new Aero-Baffle also offers producers easier installation and improved building ventilation efficiency.

Two versions of the Aero-Baffle are now available for both sidewall and center inlet applications, the "88," white aluminum baffle and the "90" plastic baffle.

The "88" available in 8-, 12-, and 16-inch widths, is fabricated with an aluminum hinge section and an all-aluminum sleeve around a one-inch thick styrofoam sheet.

The "90," available in 8- and 12-inch widths, is fabricated with a one-piece PVC hinge and sheath surrounding a one-inch thick sheet of styrofoam.

In addition to controlling and directing airflow, the insulating effect of the styrofoam helps in the prevention of cold-weather condensation.

To ease installation and adjustment, the new design eliminates the need for a lifter. A blue monofilament line, that is longer-lasting and stretches less, replaces the old lifter cable and rod adjustment package. An Azuma nut on each monofilament line provides the ability to easily adjust the position of each baffle section.

"We have worked hard to improve on a proven product," said Robert Mitchell, president of Aerotech. "Producers will be pleased with what we have done to make the Aero-Baffle even easier to install and adjust. This, in turn, will make it easier for producers to eliminate condensation problems and ensure even ventilation."

Aerotech's Aero-Baffle has always been specifically-designed to meet the need of maintaining good air distribution as the rate of airflow varies in confinement buildings. The Aero-Baffle effectively directs the flow of incoming air and diverts the air along the ceiling to prevent condensation. This also breaks up stagnation layering, eliminates cold drafts to the floor and allows for even dispersal of the air in the center of the building.

The Aerotech Aero-Baffle can be used with a variety of manual and automatic control systems, including the Aerotech control panel.

Aerotech markets a full-line of environmental control products including fans, evaporative cooling systems, heaters and controls. For more information, contact Aerotech, Inc., 929 Terminal Road, Lansing, MI 48906, (800) 227-AERO or (517) 323-2930.

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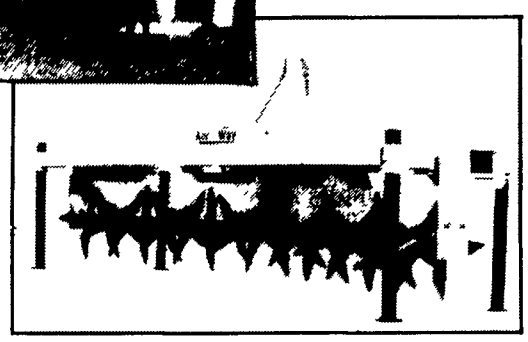

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"My dairy farm is located on rolling terrain in Reedsburg, Wisconsin. After the first cutting, I used the Aer-Way on my thinning alfalfa stand to get the fertilizer and water into the ground. The second cutting was noticeably better with thicker and leafier alfalfa. I would recommend the Aer-Way to other dairy farmers."

DAVID RABOINE
Dairy Farmer
Reedsburg, Wisconsin

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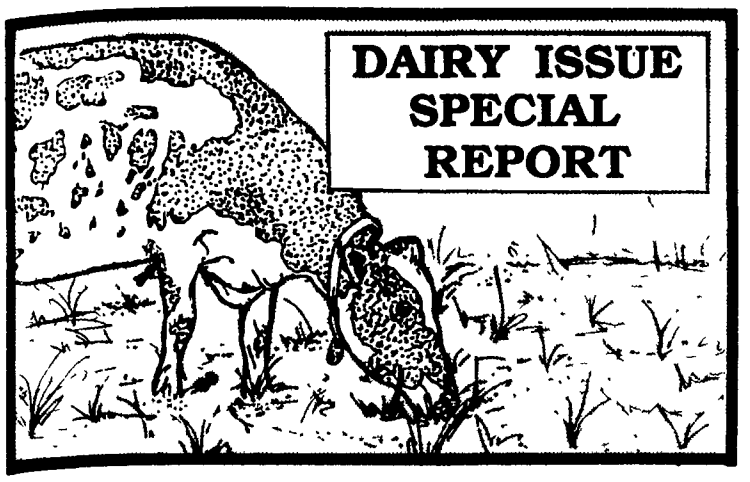

NEWSPAPER USE HIGH AMONG BUCKS CO. DAIRYMEN

Mike Fournier
Bucks County
Extension Agent

A recent survey of Bucks County dairy farmers showed that more than half are using chopped newspaper for bedding.

How the newspaper is used and the amount varies from farm to farm. Some only use newspapers to bed heifers, others use it only in the cow barn, and some use newspaper for all of their bedding needs.

Of the dairymen not using newspaper, the most frequently cited reason was that they just hadn't tried it yet. Others indicated they used very little, if any, bedding so they had no need for newspaper. Some said they had plenty of straw from their small grain cash crops. One or two indicated they would never use newspaper because they just didn't like the looks of it under the cows.

Where the dairymen get their newspaper also varies. Two years ago the Bucks County Recycling Center purchased a shredder and baler to produce shredded newspaper bedding in 60 pound bales. However, only 15 percent of Bucks County dairymen have used the Recycling Center's product.

Since this survey was conducted, the Recycling Center increased its price from $20 to $30 per ton, and even fewer dairymen are using that product now.

Most are getting their newspaper from local sources, such as township collection sites, churches, etc. Some have neighbors and friends drop newspapers off at the farm.

But, some very enterprising farmers took it a step farther. They learned that the local daily newspaper was taking all its overruns to the Recycling Center and were being charged $10 per ton. These business-minded dairymen contacted the newspaper company and told them they could drop off the overruns at local dairy farms at no charge.

Management at the paper thought it was a great idea. One dairyman accepted delivery of 30 tons, enough bedding for well into the fall. Another filled his hay mow and indicates he has enough newspaper for a year.

Keep in mind that this newspaper was delivered and unloaded at these farms at no cost. It also saved the newspaper company $10 per ton. The dairymen using overruns feel that it's a much better product than any other source of newspaper.

The newspapers are packaged in 25-pound bundles with one plastic strap holding the bundle together. It is a very easy package to lift, and is a good size for the bedding chopper. In addition, there are no bottles, cans or other trash that sometimes comes in newspapers from other sources.

With the explosion in the use of newspaper bedding the last few years, many dairymen have purchased bedding choppers. Some have opted for the walk-behind kind used in the barn.

Those purchasing anything with a motor smaller than 11 horsepower are generally not satisfied with the results. Some have opted for PTO driven bale choppers and are very pleased with the equipment. At least three of these have been purchased by Bucks County dairymen in the past few months.

Bedding with newspaper continues to offer many benefits. In these days of low milk prices, this very cheap source of bedding is one way to cut costs. It is also more absorbant than other bedding. Dairymen are reporting fewer flies when newspaper is used, due to the drier environment it creates in the manure.

And finally, it's another very good reason to keep farms in a community. Farmers are recycling their neighbor's trash and converting it to a useful product on the farm.

Buffalo Association Holds Seminar

NEW CASTLE (Lawrence Co.) — The first seminar to be given by the newly formed Pennsylvania Bison (Buffalo) Association (PBA) was a huge success.

Forty-four enthusiastic bison owners from Pa., N.Y., Ohio, and W. Va. met here recently. Hugh & Joan Forbes hosted the gathering.

Kenneth Maxwell, agronomist, a graduate of Penn State, spoke about pasture management. Maxwell stressed the importance of rotation of pasture area for bison. He also explained the difference of summer and fall grasses and how pasture rotation increased growth of the various grasses growing in Pennsylvania.

In the afternoon session, Jeffrey McKissick, D.V.M., graduate of Penn State, spoke about parasite control for bison. Springtime creates wet pastures which in turn promote the growth of parasites. Fly control was also mentioned.

Bob Mahoney, the PBA western representative, gave advice on handling bison. He emphasized the fact that bison (buffalo) are very stressful animals, highly intelligent, and quick on their feet. According to Mahoney, it is necessary to plan your strategy ahead of time, and do not excite them when working them through the chute or squeeze.

Immediately following Mahoney's comments, everyone went across the street to Forbe's Buffalo Farm to watch a demonstration on handling bison.

Many by-products of bison were on display at the meeting hall. Everything from hides, heads, horns, Indian objects of art, and nicely painted skulls were to be seen or purchased.

A PBA membership meeting was held afterwards and plans were announced for another training session sometime in August to be held in eastern Pennsylvania. For further details or to join the PBA, contact Margery Kutney, secretary, (717) 965-2237.

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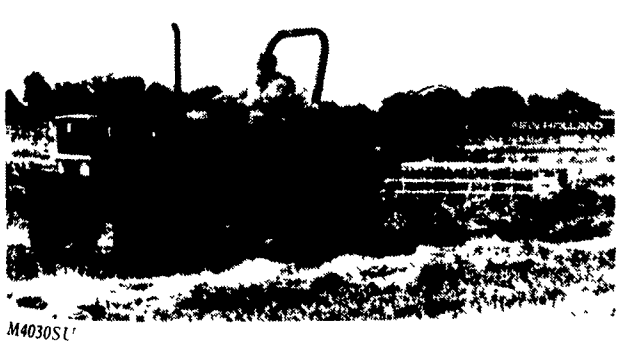
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Business News

Chore-Time Offers Grilled Broiler Feeder

MILFORD, Ind. — Chore-Time Equipment has introduced what it calls the "next generation of broiler feeders" with the firm's Model C2™ Feeder, according to Les Kreger, floor feeding systems product manager.

"The Model C2 includes all the popular features of the company's famous Model C™ and Model 2000™ feeders," Kreger said. The features from the Model C Feeder include a deep pan with Chore-Time's unique feed-saver features, a grill that allows birds to easily pass in and out, and free-swinging pan assembly. Ideas used from the Model 2000 feeder included chick-starting feed windows, rugged high-impact polypropylene plastic construction, and overall simplicity, he added.

Kreger went on to point out the Model C2 Feeder also includes a few new features of its own. The feeder has anti-rake fins on the feed level tube to help discourage birds from raking and wasting feed. The feeder's pan can be unlocked from the grill with a simple twist to swing it down or remove it for cleaning, drying and storage.

Chore-Time's newest broiler feeding system carries the company's standard 10-year warranty on the feeder auger and five-year warranty on the feeder pans. The company also offers a complete line of equipment for watering, ventilation, feed storage bins, and the famous Chore-Time FLEX-AUGER® Feed Conveying System.

Contact Chore-Time Equipment, P.O. Box 2000, State Road 15 North, Milford, IN 46542-2000, (219) 658-4101.

Model C2 Feeder has anti-rake fins on the feed level tube to help discourage birds from raking and wasting feed.

P.R. Director Honored

SOUTHAMPTON (Bucks Co.) — Elaine Madden, director of public relations for Dairy Council, Inc., recently received the 1991 Business Associate Award from New Directions Charter Chapter of the American Business Women's Association.

This award was presented to Madden for her accomplishments in the field of public relations and community service.

A graduate of Marquette University's College of Journalism, Milwaukee, Wis., Madden has been with Dairy Council for three years. Her career has been focused on health care public relations and marketing.

The American Business Women's Association has more than 2,100 chapters throughout the United States with more than 150,000 members. The goal of the organization is to support and recognize women in business. This recognition honors both the women and the organizations they serve.

Elaine Madden

Exxon Introduces Net Wrap

KINGMAN, Kan. — With the premiere of Bale-Lok, a polyethylene knitted mesh wrap for round bales, Exxon Chemical Company introduces one of the most efficient products in haying and foraging.

"With Bale-Lok, one net wrap baler does the work of two twine balers," said Roy Sauder, a Bridgeport, Neb., custom operator. Sauder wrapped 8,000 bales last season as part of Exxon's testing program.

"Where conventional baling twine can require 15 to 17 turns of the bale, the full-width coverage of Bale-Lok reduces wrapping time to about two turns," said James Flick, company spokesman. "With Bale-Lok, Exxon's engineers have developed a baling product that's lighter, easier to install and ultimately more cost-effective than conventional bale wrap products."

Bale-Lok's unique design can also increase hay and forage quality. "Bale-Lok® net wrap makes a rounder, tighter bale that sheds water better than twine-wrapped bales," said Mel Siemens, a Kingman, Kan., custom baler. "There is less spoilage than with twine — a difference you can see."

Because Bale-Lok tightly and smoothly covers the full width of the bale, there are no grooves to collect water and snow. "Many people don't realize that just six inches of the bale's surface depth make up a full one-third of the volume," Flick explained. "That could represent a potential loss of more than 500 pounds in a large bale."

Bale-Lok coverage also protects against leaf loss. According to Siemens, he is able to bale longer in drier conditions using net wrap. And Sauder said, "There is no leaf loss during wrapping. I don't have piles of leaves by each bale with the Bale-Lok."

Time savings are also realized at feeding time, when Bale-Lok can be easily removed, even in frozen conditions. "I don't even have to use a knife," said Sauder. "Even in winter, I just stand the bales on end and pull the netting right off.

"The net wrap is actually cheaper to use than twine, too," Sauder said. "Studies I've seen say the average loss of quality with twine is as high as 25 percent. With the Bale-Lok, I had little, if any, spoilage or loss. Figure in your time savings and the reduction in wear and tear on equipment, and you're way ahead with the Bale-Lok."

Bale-Lok° net wrap is specially UV treated for optimal strength and durability. It is available in individually wrapped rolls for use with all models of round balers with netting attachments.

For more information, contact Exxon Chemical Company, P.O. Box 517, Kingman, KS 67068, (800) 835-3255.

During haying season, timing can be critical. Two turns of Bale-Lok® net wrap from Exxon can provide more protection and tighter wrap than 15-17 turns with conventional twine — increasing hay production by up to 25 percent per baler on the average day.

Ford Spreaders Fight Corrosion

NEW HOLLAND (Lancaster Co.) — Six new box-type spreaders from Ford New Holland feature high-density polyethylene floor planking and corrosion-resistant steel sides.

The new floors are the strongest on the market when measured against shock damage and acid resistance, according to Ford New Holland product manager for spreaders, John Oehler.

Oehler said that the high-density polyethylene does not rot, warp, chip, crack or splinter. The slick surface cleans out more easily and resists apron slat freeze down in cold weather.

"Like our customers, we're concerned about the environment," Oehler said. "That's one reason we're pleased to switch to the high-density polyethylene spreader floor material. In addition to being superior to wood, it's a step ahead for the environment because the high-density floor planks are made of recycled plastic milk jugs and other drink containers. That means there'll be fewer plastic containers going to landfills.

"We've strengthened the spreader boxes by adding steel cross members," he said. "Users in the upper Midwest and Canada especially will appreciate the new box side-sheet design. The ribs have been removed; with the new smooth sides, there's less tendency for manure to freeze fast and create problems in severe weather."

The new "100 Series" spreaders comprise six models from 108 to 410 ASAE bushels. The 287-bushel Model 185 and the 410-bushel "195" feature oscillating, walking-beam tandem axles to ease heavy loads through ditches and over rough fields. The A-frame hitch on the 10-ton Model 195 has been extended to allow tighter turns with large dual-wheel tractors.

Optional equipment for the new spreader series includes hydraulic endgates, slurry side extensions, and fine manure pans.

Six new box-type spreaders from Ford New Holland feature high-density polyethylene floor planks. The new floors are the strongest on the market against shock damage and acid resistance. The material will not rot, warp, chip, crack, or splinter. ASAE capacity of the six models ranges from 108 to 410 bushels.

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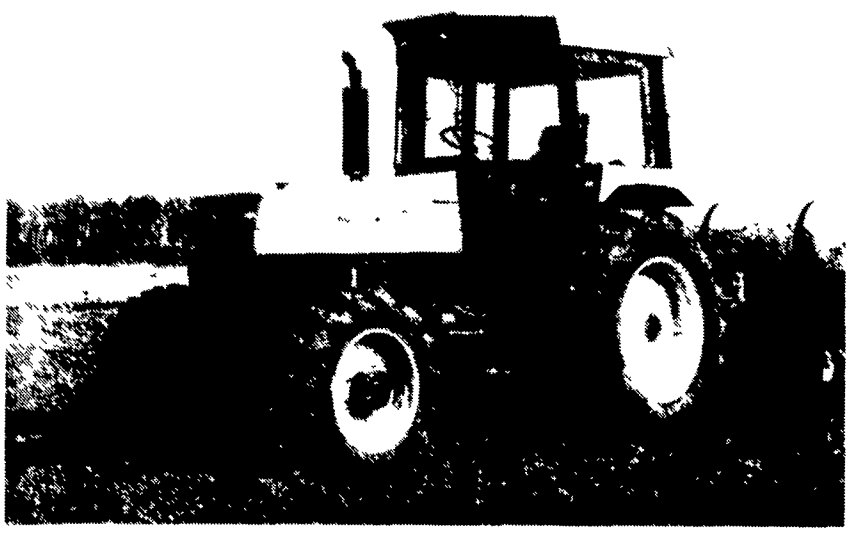

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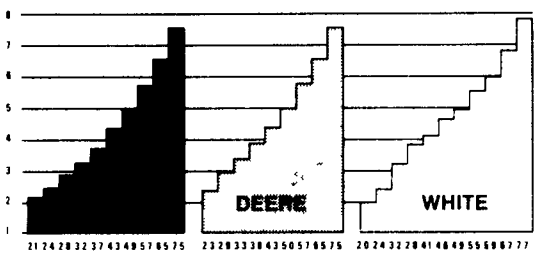
It has been said that if you don't make dust, you eat it. The new Workhorse from White is an evolution of dust-raising power and rugged dependability. The competition has some catching up to do.



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Evaluate Buildings Before Renovating

UNIVERSITY PARK (Centre Co.) — Dairy farmers who want to pursue Holstein beef production as a sideline should proceed with caution before renovating that old building on their farm to raise bull calves.

"Most people overestimate the value of an existing building and underestimate the cost of renovating it for an alternative use," said Dr. Robert Graves, professor of agricultural engineering in Penn State's College of Agriculture. "Evaluating a building comes down to asking lots of questions and answering them honestly."

An honest evaluation is especially important because animals are involved. "We shouldn't subject animals to poor conditions that exist in many converted buildings," Graves said. "You may think it will be easy to alter an existing building to raise bull calves, but inadequate remodeled facilities can quickly devour profits.

"Unfortunately, the long-term cost of lost animal productivity is almost never considered," Graves said. "You must be sure that the animals' basic needs — fresh air, adequate feed space, clean resting areas and frost-free water — can be met easily in your existing building."

Decide what your requirements are for raising animals before evaluating a building, Graves said. "Once you know what your needs are in terms of space, ventilation and feed and manure handling, you can begin."

The first thing to look at is the building's location. "Where is it in relation to roads, property lines, wet areas and other buildings?" Graves said. "Will your neighbors complain about odors or noise? And what about local codes or ordinances that affect using the building for livestock?"

Adequate space and clearance are vital for any livestock facility. "Is there enough room for the number of animals you want?" Graves said. "Will you be able to easily feed and observe your animals? What about manure disposal? Are the doors adequate and ceilings high enough to allow machinery access?"

More information about evaluating existing farm buildings and other aspects of beef production can be found in "Holstein Beef Production," a proceedings containing 28 papers presented at the Holstein Beef Production National Symposium in Harrisburg in February. It is available for $12 from the Publication Distribution Center, 112 Agricultural Administration Building, University Park, PA 16802.

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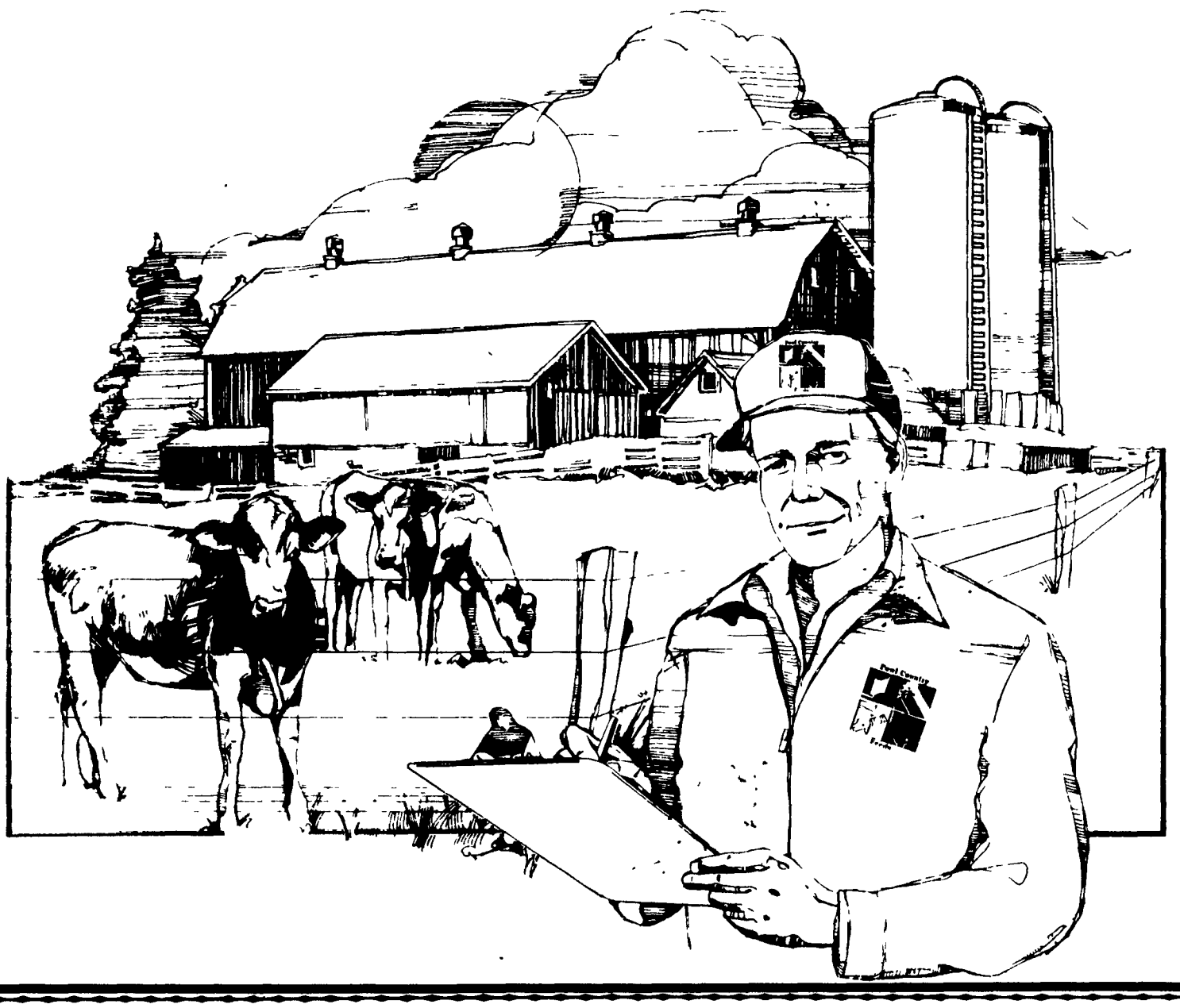

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BLU-JET Introduces Supershooter II

THURSTON, Neb. — BLU-JET has recently redesigned their popular metering system and have named it SuperShooter II™.

The new SuperShooter II™ allows for increased vertical and horizontal uncoupling angle plus an unrestricted breakaway force requirement.

The addition of prominent instruction panels fully explains safety, operation, and maintenance procedures in accordance with ASAE labeling standards.

BLU-JET's Body Guard, the spray back protective device, remains as an integral part of the system. a wider variety of meter setups is available and the risks associated with the handling of anhydrous ammonia have been greatly reduced.

SuperShooter II™ is being billed as the NH_3 tool bar safety innovation of the decade. For information, contact Thurston Mfg. Company, P.O. Box 218, Thurston, NE 68062, (402) 385-3041.

MILK AMERICA'S HEALTH KICK

Farmers Urged To Permit Gleaning

HARRISBURG (Dauphin Co.) — State Agriculture Secretary Boyd E. Wolff recently asked farmers to donate produce to food banks in their areas.

"Farmers can donate directly to a food bank or participate in a program that allows trained crews of gleaners to come out and pick whatever is left after the harvest," Wolff said. "Farmers have always worked to improve the quality of life for other citizens. They are givers, not takers, and my hope is that food that might be wasted could instead provide nutrition for someone who needs it."

Wolff cited a project in southwestern Pennsylvania where the Greater Pittsburgh Community Food Bank and the Agriculture Department have organized "Green Harvest," a program that allows trained crews of gleaners to pick fruits and vegetables that are left over after the harvest. That produce will be warehoused by the Food Bank and made available to more than 300 agencies that help feed the poor.

"The Pittsburgh area program has been an inspiration, and we hope similar projects are organized in other parts of Pennsylvania," Wolff said.

Donations to the Greater Pittsburgh Community Food Bank are tax deductible. The Food Donor Liability Law protects farmers who donate produce and farmers who allow gleaning on their property for charitable causes.

Farmers who want to donate produce to the Green Harvest program can contact Kristen Markley (412) 672-4949.

Lebanon Jr. Holstein Club Meets

LEBANON (Lebanon Co.) — The Lebanon County Junior Holstein Club met on May 11 at the Ag Center.

Before the meeting, volleyball was enjoyed by all of the members.

Dr. Allen McCully frrom Em-Tran talked to the club about embryo transfer and its latest developments. Dave Lentz gave a report from the state Junior Holstein Executive Committee.

The new guidelines for the Lebanon County Junior Holstein Club were passed by all the members. Everyone also approved the motion that members will be recognized on the county level for state awards they won.

The next meeting will be held July 6 at the Wampler residence.

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Penn State Program Helps Farmers, Ag Managers

UNIVERSITY PARK (Centre Co.) — In the 1980s, numerous Pennsylvania farms and agribusinesses failed.

"The majority of farms and businesses that fail do so because of bad marketing and financial management," said Dr. James Beierlein, associate professor of agricultural economics in Penn State's College of Agriculture. "It's no longer adequate for agriculturists to be skilled only at production management. Agriculture must become more business oriented if it is to remain a way of life."

Beierlein and Dr. William McSweeny, assistant professor of agricultural economics, have developed a new educational program to help farmers and agribusiness managers improve their profits through better business management.

"Enhancing the Profitability of Farm- and Agri-Businesses" is a series of training programs tailored to the specific needs of Pennsylvania's farm and food industry. The 10 programs cover topics such as goal setting, business planning, record keeping, financial and personnel management, product distribution and transportation economics, and obtaining land, machinery and credit wisely.

Each of the programs can be offered individually or as part of a series. In some cases, topics can be further divided into several smaller programs. Meetings can run from 45 minutes to a morning or even to a whole day, depending on the needs of the participants.

McSweeny and Beierlein, who will teach the seminars, will take a "how-to" approach to the material. "Farm suppliers, machinery dealers, and buyers of farm products all use these principles in their businesses," said McSweeny. "There's no reason why farmers can't or shouldn't use them, too. Anyone who can climb up on a $100,000 combine and learn to run it safely and properly can learn these management techniques.

"Participants won't become experts in finance or personnel management, but they will be able to spot difficulties before they arise and be armed with better strategies to tackle problems," he said.

The program also can help farm and agribusiness managers deal with future challenges. "We're moving toward a free market economy in agriculture, with less reliance on government programs," said Beierlein. "Producers will face increasing price competition and thinner profit margins in the years ahead."

He adds that because the agricultural economy is so uncertain, both public and private lending agencies now demand that producers and agribusiness owners do more business, financial, and marketing planning.

"Farm and agribusiness managers who want to be considered for credit need to keep up-to-date balance sheets, income statements, and cash flow projections in order to demonstrate the financial performance of their operations," said Beierlein. "We hope to help them work toward this goal."

McSweeny and Beierlein will present these programs to any agricultural organization or to 4-H groups. "Young people who hope to enter agriculture have a greater likelihood of success if they learn about business management as well as production before they launch their careers," said McSweeny. "We would welcome the opportunity to present these programs to youth."

To schedule a program or to obtain an informational pamphlet, contact William T. McSweeny, (814) 865-7656 or James G. Beierlein, (814) 865-2561.

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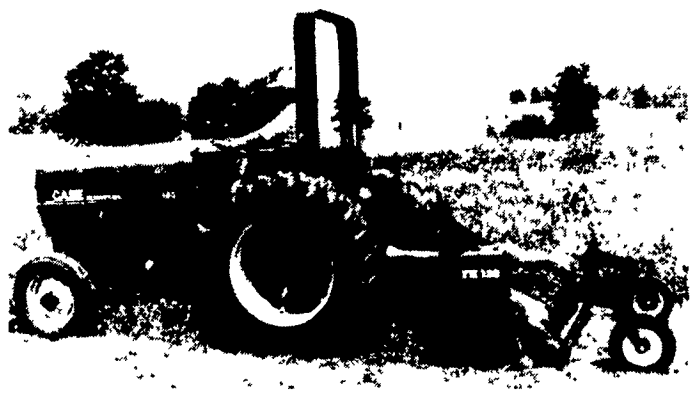

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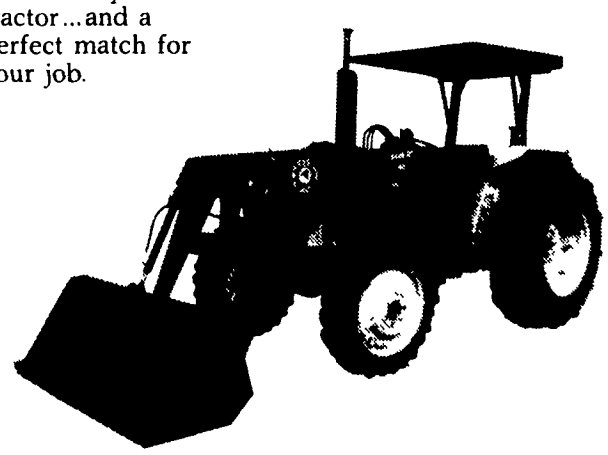

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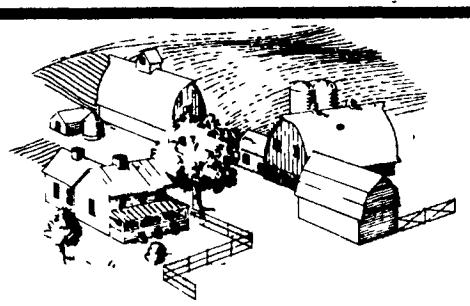


FARM MANAGEMENT

DAIRY FARM PROFITABILITY

Alan Strock
Farm Management Agent
Penn State

Editor's note: This is the first of an eight-article series written by the four southeastern/central farm management extension agents. The column will cover various farm profitability and efficiency measurement tools and ratios.

With the current milk price at the level it was five years ago, most dairy farmers are concerned about farm profitability and survival measures.

This article will offer ideas and yardsticks (a standard or average) against which to measure your farm. From these benchmarks you may more easily recognize a profit leak and take steps to correct it.

Size of Operation

To return a satisfactory profit, a farmer must generate sufficient income in relation to their investment.

Size of the dairy has a positive correlation with profitability, according to the "1989 Pennsylvania Dairy Farm Business Analysis" and the "New York 1989 Dairy Farm Management Business Summary."

Farms of 200 or more cows had substantially more net farm income than smaller farms. Profits per cow, however, seem to maximize at the 120 to 150 range. In 1991, these profits ranged from $492 to $548 per cow. Larger, well managed farms usually earn more profit than smaller units, because larger farms:

- Spread overhead (fixed) costs over a greater volume of output.
- Produce more units on which a profit is made.
- Allow for more specialization and efficiency.

But this does not always hold true, because some larger farms aren't well managed. Larger size in itself never guarantees larger profits. Managers must maximize their management skills at their present level before they move to a larger unit with more resources to manage.

Production Per Cow

Production per cow also has a very high correlation to net farm income.The table below, taken from the "1989 Pennsylvania Dairy Farm Business Analysis," shows how production per cow is closely related to profit.

As with size of operation, bigger is not always better, but well-managed, higher producing herds have a greater chance to return a higher profit.

Let's look at five of the factors which strongly influence dairy farm profits.

Feed Efficiency

Total value of feed fed the dairy herd is usually the dairyman's largest single expense. We would like to see this total not more than $8.50 to $9.50 per cwt. of milk sold.

Other goals might include purchased feed and crop expense per cwt. of milk sold — $3.50 to $4.50; purchased feed per cow — $450 to $650; and purchased feed — 15 percent to 30 percent of milk sales.

Be very careful setting your goals, because the benchmarks above may be too high or too low depending upon the resources (land, labor, and capital) which you have available. It is most important to calculate these measures annually and look at the trends of your business management.

These factors will be strongly influenced by the amount of homegrown versus purchased feed, and the level of milk production of the herd. If feed costs are consistently high, look at contributing factors such as poor forage quality, poor yields, unbalanced rations, insufficient or inefficient grazing, paying too much for feedstuffs, not double-cropping enough, feeding the replacements and low producers luxury feed, lengthy calving interval, or raising too many heifers.

#'s of milk sold per cow	Labor cost per cwt of milk	Mach. expense per cow	Net farm income per cow (Profit)
‹12,000	3,38	391.00	332.76
12,000-13,999	3.50	459.00	355.94
14,000-15,999	3.27	491.00	528.37
16,000-17,999	2.39	507.00	572.00
18,000-19,999	2.95	555 00	629 75
20,000›	2.96	619.00	681.24

Labor Efficiency

Dairy farming is labor-intensive, and wise use of labor is a key to higher profits. Good analysis factors to use incomparing your farm against farms with similar physical resources are: 600,000 to 900,000 pounds of milk sold per worker (3,000 man hours); 32 to 45 cows per man equivalent; and $15,000 labor and management return per worker.

Labor efficiency must always be viewed in relation to investment per worker. Those farms with many labor saving devices should expect higher labor efficiencies. Dairy farms that purchase all their feed or farmers that do very little field work should expect higher pounds of milk sold per worker.

Herd Health Efficiency

Herd health expenses and problems can make or break many farms. Veterinary costs per cow (goal $45 to $65), heifers per cow (goal .65 to .80), and cowturnover percent (goal 20 percent to 35 percent) are three very critically important measures of herd health financial efficiency.

Higher producing herds will almost always have higher veterinary cost per cow, but health costs can eat away at the profitability of these higher producing herds. However, many dairymen do not practice enough "preventive maintenance" — monthly herd checks, regular hoof trimming, and pregnancy checks.

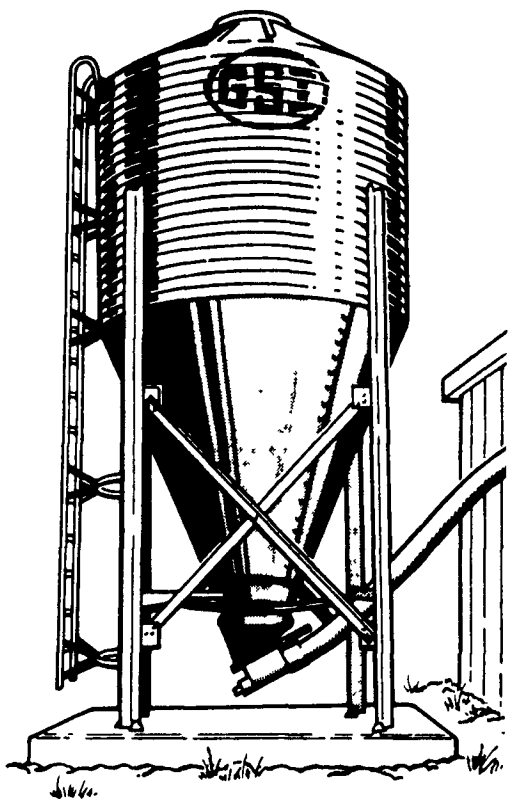
Unprofitable cows should not be kept. But normal culling rates should be reduced if net cost of replacements is high and profit margins are low. Increase culling rates if cows need to be removed to make room for genetically superior cows, or if cows are merchandised at higher prices for breeding purposes. Keep records of why cows are culled.

Herd Breeding Efficiency

Breeding problems have forced many farmers out of the dairy business and cost many more thousands of dollars. Days open after calving should not exceed 100-110; calving interval — 2.5 to 13 months; services per concep-

(Turn to Page C14)

GSI
FEED BINS



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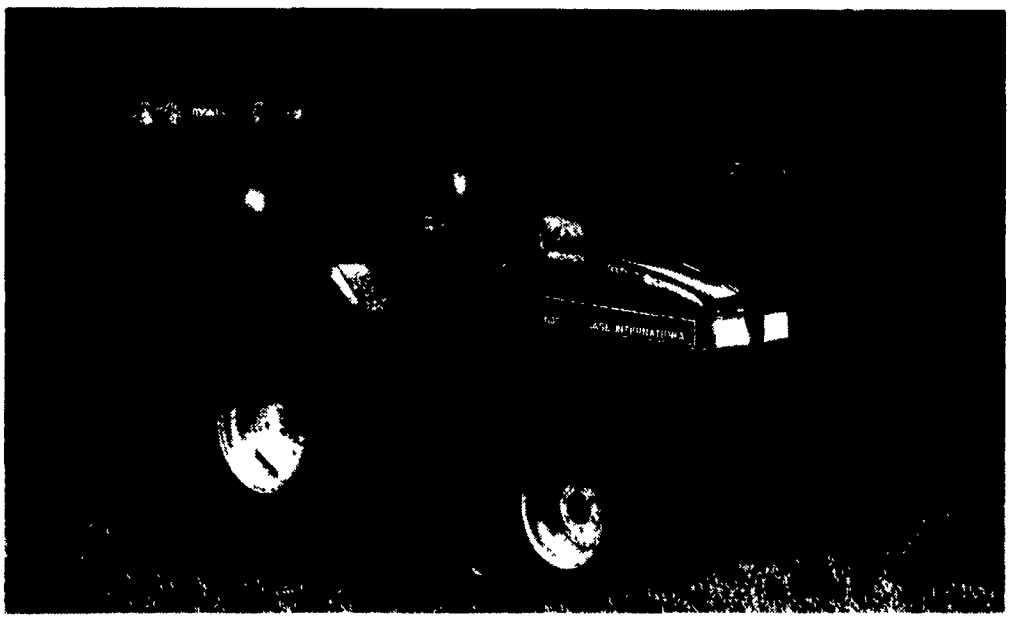

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1130	23 (17.2 kW)	Cat. I
1140	27 (20.1 kW)	Cat. I

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JUNE IS Dairy MONTH

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Chore-Time Awards Northeast Agri-Systems

LITITZ (Lancaster Co.) — Northeast Agri Systems Inc. received the Chairman of the Board Sales Achievement Award for their 1990 product sales achievements from Chore-Time Equipment Inc., Milford, Ind., recently.

The award is based on the dollar volume of Chore-Time Products Northeast Agri Systems sold during 1990.

Receiving the award from Steve Bryant, right, sales manager for Chore-Time equipment, were Richard Knauer, service manager; David Newman, vice-president; and Marlin Hurst, sales representative.

Chore-Time manufactures and markets a complete line of automated equipment for the care and feeding of poultry and livestock with worldwide distribution from its plants in Milford, Ind. and Decatur, Ala.

Foundation Of Dairy At Shrine

SHARON SCHUSTER
Maryland Co. Correspondent

FREDERICK, MD — Enter the Maryland Dairy Shrine in Frederick County, Maryland, and come face to face with some of the most influential people and cattle that have made important contributions to the development of the dairy industry. The walls of the shrine serve as a gallery for photographic portraits of dairy's distinguished notables.

Patterned after a similar organization on the national level headquartered in Fort Atkins, Wis., the shrine was established by the Maryland Purebred Cattle Association in 1963. The austere faces of eleven "pioneers" and 32 "contemporaries" fill the wall space that is not covered by plaques, trophy cases, and banners. Secretary of the association, Ted Ridgely, explained that honorees are classified as "Pioneers" if they have been deceased for 10 years or more. "Contemporaries" are living recipients of the recognition.

Nominations made by individuals are submitted to an anonymous committee for review. The committee, appointed by the president, meets once every year to select an honoree. Nominations remain in the files for yearly review for 10 years.

Officers of the association for the current year are David Patrick of Howard Co., president; Joe Swartzbeck of Carroll Co., vice president; Jack Remsburg of Frederick Co., treasurer; and Ted Ridgely of Carroll Co., secretary.

Secretary for the first 15 years and now consultant, John Morris said the organization exists to "preserve the dairy history in Maryland."

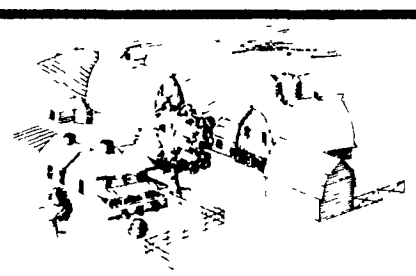
The room is located in the offices of Sire Power.

"They were very generous to let us have this space," said Morris of the company.

Housed in the shrine room are volumes of citations and biographical materials that accompany

(Turn to Page C25)

FARM MANAGEMENT



(Continued from Page C12)

tion — 1.5 to 2.0; and breeding costs per cow — $15 to $35 for commercial herds.

The sample young sire program can help cut your breeding bill, and could be a cheap source of superior genetics.

Dairy Cost Containment

In these tough economic times, all areas of the dairy need to be thoroughly reviewed. Minimize machinery investment by selling all excess equipment. Try to keep the cost per cow for the sundry expenses within the ranges of: supplies and bedding — $85 to $100; utilities — $55 to $70; milk marketing — $65 to$85; interest paid — $0 to $175. Review all costs regularly — monthly, or at least quarterly. Consider buying commodities and supplies in bulk or cooperatively, or switching to a cheaper bedding material.

Conclusion

Now is the time to review the profitability of 1990 if you have not already done so. 1990 was a good year financially for most dairymen. 1991 promises to be a belt-tightening year.

Compare your farm with these goals to determine what areas of your business may need tightening. Be very careful using these benchmarks, because no two farms are the same. The amount and fertility of your land, number of cows, amount of debt, amount of capital invested, ability to treat and breed your own cows, and number of potential feedstuff suppliers all affect these ratios.

The "1990 Pennsylvania Dairy Farm Business Analysis" should soon be available to help you compare the efficiency of your operation. Call your local extension office for a copy, and your local farm management agent if you need help to plan for improved dairy profits.

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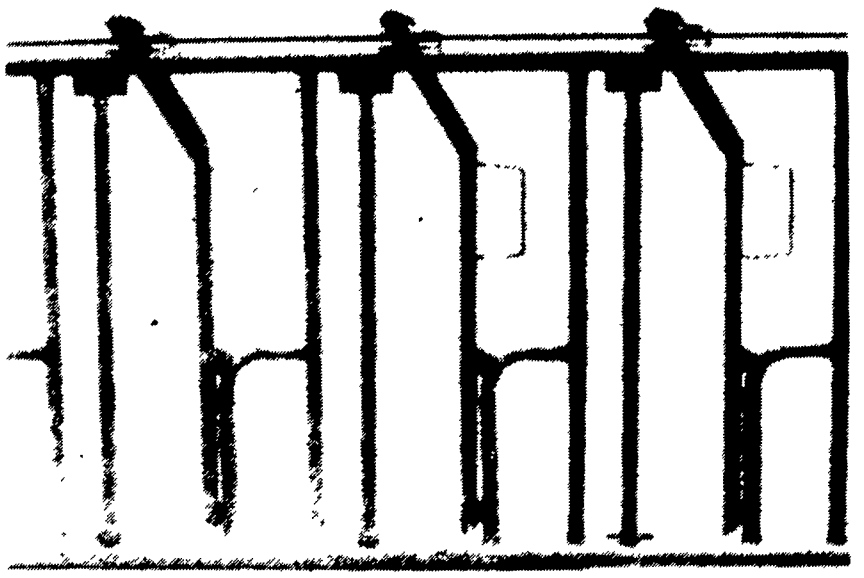

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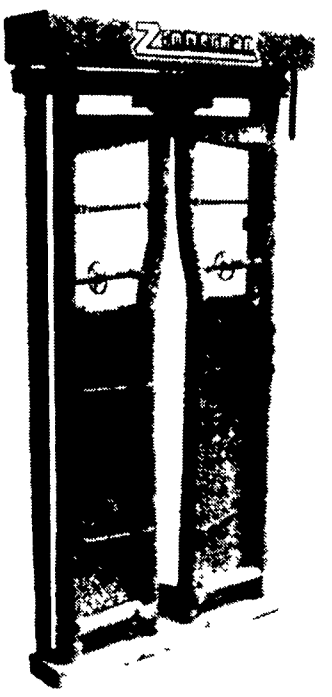

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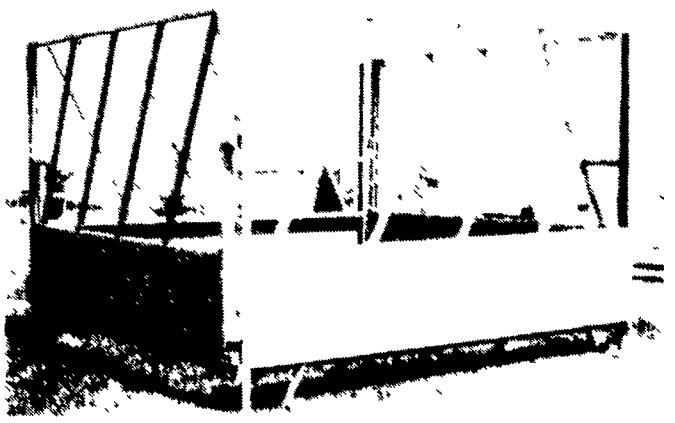

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Md. Grain Checkoff

FREDERICK, Md. — The date of the referendum for the Maryland Grain Checkoff is July 26, according to Lawrence Meeks, president of the Maryland Grain Producers Association.

The referendum will be held from 9 a.m. until 4 p.m. at the county cooperative extension offices. Absentee ballots will be available from extension offices after June 15 or by writing to MGPA, 53 Slama Road, Edgewater, MD 21037.

To be eligible to vote, a person must be actively engaged in the growing of grain as an owner, tenant, or sharecropper.

If passed by a majority, the Maryland Grain Checkoff Program will begin on October 1 this year and will be in effect for five years. An assessment of one half of one percent (.5 percent) will be collected on the net value of each bushel of grain sold.

The checkoff will be deducted at the first point of sale on all grain, with the exception of soybeans, which are already under a checkoff program. Any producer who does not wish to participate in the program can get a refund upon written request sent to the MGPA.

The checkoff program is a self-help promotion program which allows all producers to combine their funds to support market development, research, and education. Decisions on how the money will be spent will be made by a 17-member board. The 13 voting members of the board will represent grain producers from six regions throughout the state.

Under state law, checkoff programs are required to conduct referendums every five years to reaffirm support.

For more information, contact Lynne Hoot, (301) 956-5771.

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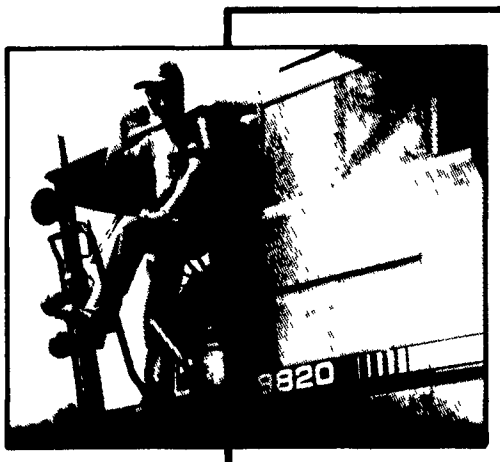

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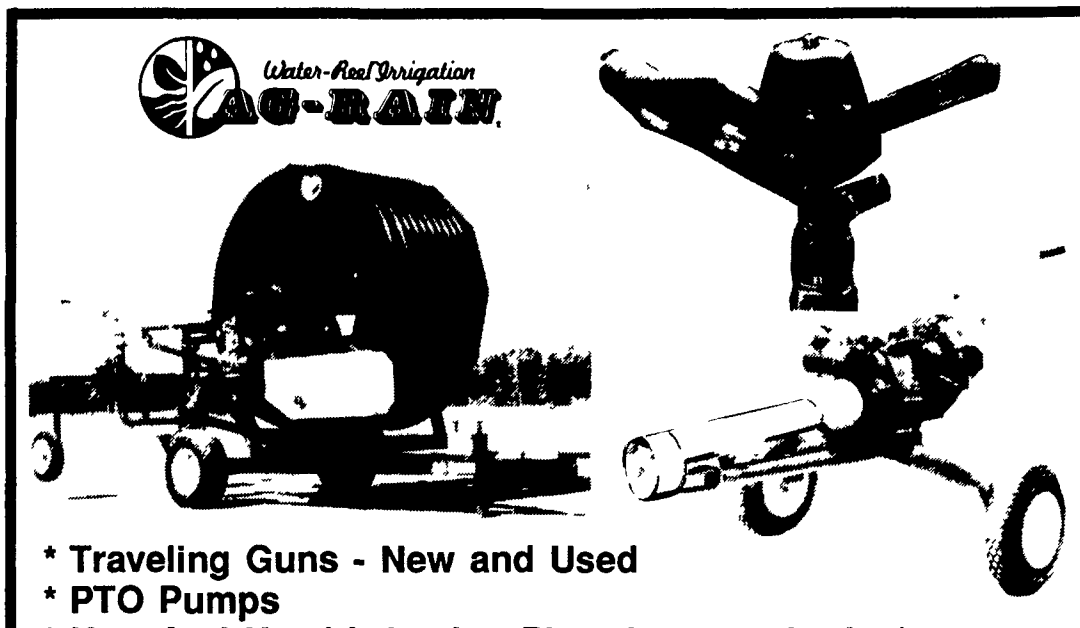

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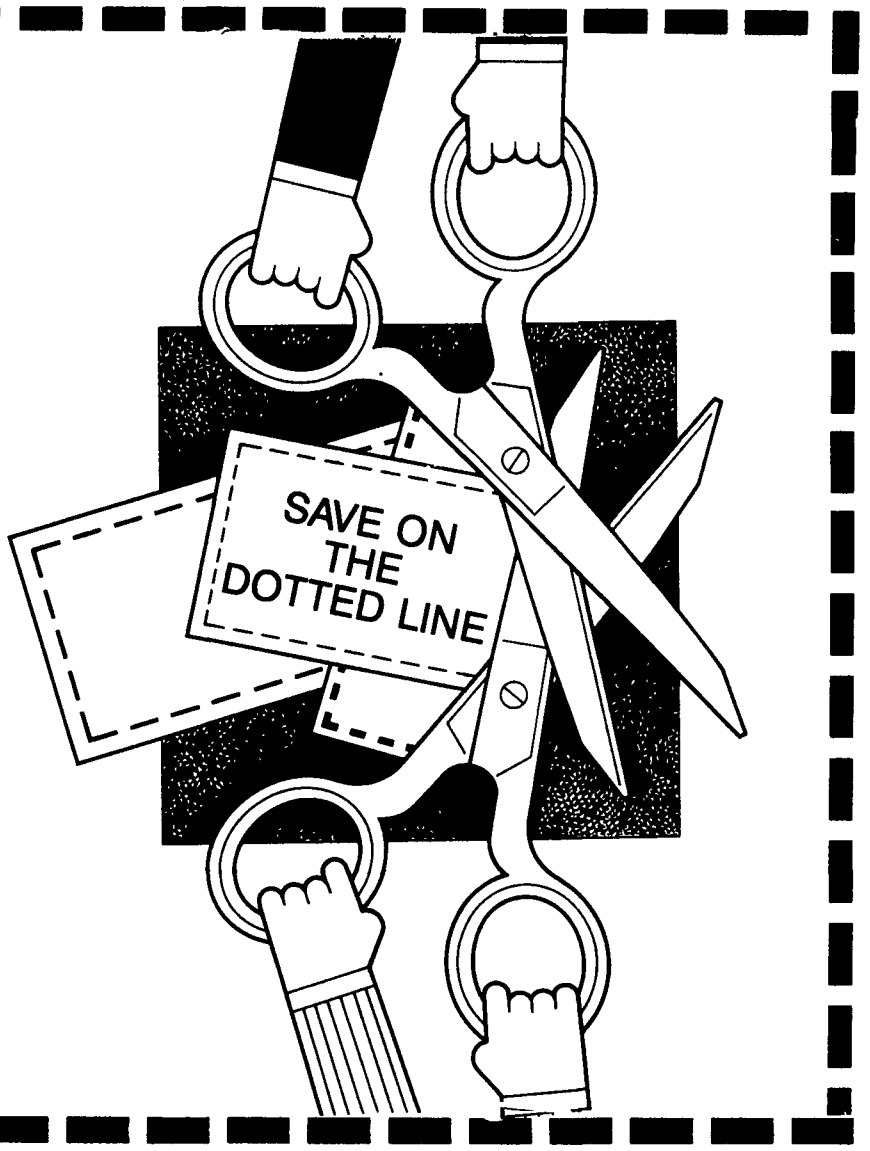
COUPON CLIPPERS' SPECIALS

Save On Items Below Now Thru June 30, 1991

ITEMS CAN BE PURCHASED AT, OR ORDERED THRU, SURGE DEALERS LISTED BELOW!



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$1.00 OFF

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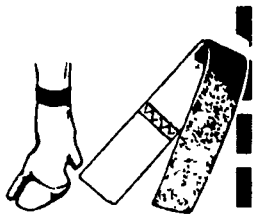
Bag of 10 VELCRO LEG BANDS



A quick and easy method for temporarily marking cows Use various colors to indicate treated cows, dump, etc. Simply wrap legband around cow's leg and press together, to remove - grasp end and pull. Once in place, the band stays on Made of tough nylon; re-usable and easy to clean. 10 legbands per bag.

72478 Orange	72481 Red
72479 Yellow	72482 Blue
72480 White	72483 Green

One Coupon Per Purchase Expires 6/30/91

Customer Name_____
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LF

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PROBIOS 300 gm TUBE

Oral Gel For Ruminants (Bovine one)

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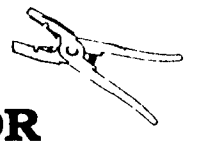
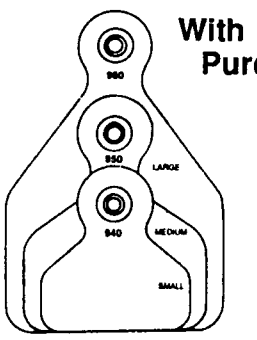
ONE FREE APPLICATOR





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Two purebred longhorn cows with calves $800 each or both $1500 Two 400 lb longhorn bulls $400 each Bucks Co 215-257-2377

1960 F800 dumptruck, 87,000 orig miles, James H Moss, Gapland, Md 21736 Wash Co 301-293-7830 6-9 pm

Atlantic tri-hull 16' boat 75 Mercury 1989 galvanized trailer $1500 15' V-bottom boat 35 Evenrude, trailer 700 OBO Bucks Co 215-491-9173

Hay 1st and 2nd cuttings, last years, also offering this years 1st cutting baled out of field Sch Co 717-467-2609

Holland 3 pt 1 row transplanter, Oliver 540 corn planter, dry fert good cond, McConnell 16' cart type harrow, Luz Co 717-256 3452

Owatonna self propelled haybine, with trailer, Model 275, 12' cut, sunroof, 6 cyl gas, runs real nice $2900 Martinsburg WV 304-229-3917

1974 Int 1800 345 with 20' grain body RIPCO blower and 6" cross auger 52,000 GVW Perry Co $8500 717-567-6000

JD #3 hay fluffer, ex cond, new paint, good teeth, can del reasonable distance 914-354-4368 after 6 p m

Motor B&S 7½ HP easy spin starting model 190 truck, Dodge 4WD 1967 with Meyers SP, FC, Camden Co 609-561-4618

New Idea manure spreader, overhauled with new EZ front axle, also replaced with ball bearing, $1875 Also 1 1/6" flange bearings for NI spreaders $1675 Josie S Hostetler, RR 1 Box 244, Reedsville, PA 17084

461 NH haybine 10' rolls in good shape $800, 3 pt field sprayer, plastic tank $75 Juniata Co 717-734-3592

John Deere 2010 nice diesel wide front, new seat 80% tires, rear lights, 3 pt hitch, lower hours $2995 Near Hbg Dauphin Co 717-652-5412

2600 Better Bilt vacuum spreader 2 load parts, injectors, good cond, 400 auto roller mill, 3 electronic feed meters, 7½ hp motor Franklin Co 717-597-9896

1976 Dodge truck 360 4 speed, 13' bed with racks 40,900 miles, one owner GVWR 18,500 extra tank, tarp included 717-486-7731

Two 9 00 R20 F12 pr Bridgestone radial all steel truck tires, with tubes and liners like new $200 for pair York Co 717-632-0542

Western saddle Simco brand, good cond with bridle & pad $150 Also bighorn 16 saddle very nice $350 York Co 717-259 7721

Ford 3000 gas tractor 3PH pto, good cond $4500 NH 66 hay baler, field ready $350 Harford Co Md 301-557 7143

8 HP Snapper Hi-vac riding mower 28 cut 12 HP Sears tractor w/36 mower both good cond $350 each Manheim 717-664 2018

70' of 9" metal silo pipe with gooseneck, Case 2 row cultivators, 2 bottom IH trailer type plows, make offer 717 345-4882

No 15 IH drill 16-DD fertilizer and grass seeder $1500 also free storage trailer 8x50 and electric poles Dau Co 717-367-2033

Yanmar YM155 diesel tractor, 15 hp water cooled, 3 pt hitch & PTO, diff lock 48" mower, 48" front snow blade, 576 hrs., kept indoors, Delco 215-358-5839.

Badger manure spreader 180 bushel, used 2 months, reasonable. Bradford Co 717-265-8263

2 Lamco bale wagons 8x18 1 with dump, good cond. York Co. 717-792-5218.

75 Irrigation sprinklers, Rainbird model #40 14070 with 7/32 nozzles. Jim 716-728-2520 Steuben Co NY

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Two gentle trail horses, bridles, saddles, two horse trailer, five yr. reg. mare, motorcycle. Sch. Co 717-739-1130.

Scottie pups, black AKC reg. home raised male and female. Berks Co. 215-777-6926

Dismantled and stacked 32'x50' 100 year old barn and wooden crib. Best offer. Carroll Co. 301-756-2637.

15-30 McCormick Deering tractor 1928, orig. steel wheels, brass settling bowls, restored double belt pulley, nice $1600. Garrett Co Md. 301-689-8931.

Massey Ferguson #72 self propelled combine, good cond, ready for the field, Leb. Co. 717-866-5204.

28 ft hay elevator, 7 ft Hesston haybine, 50 MF tractor, Int 2000 loader, Union Co. 717-568-4752

265 gal. gas tank, ex. cond. $200. 1971 Int. 2010 gas 450 eng. bad, 5 speed, 2 speed rear, 26000 GVW fiberglass tilt cab. Lehigh Co. 215-285-2611.

1986 14 HP Wheel Horse garden tractor, two wheel trailer, fert. spreader, Lanc. Co. 717-665-6103.

NH baler Model 77 shed kept with Wisconsin engine $300 York Co 717-259-7503

Cultivator Ferguson type KO 3 pt. hitch $125. Del. Co. 215-494-4206.

125 HP Detroit 471 power unit with gear reduction for 1000 RPM PTO 3800 90 HP 371 power unit 717-733-3890

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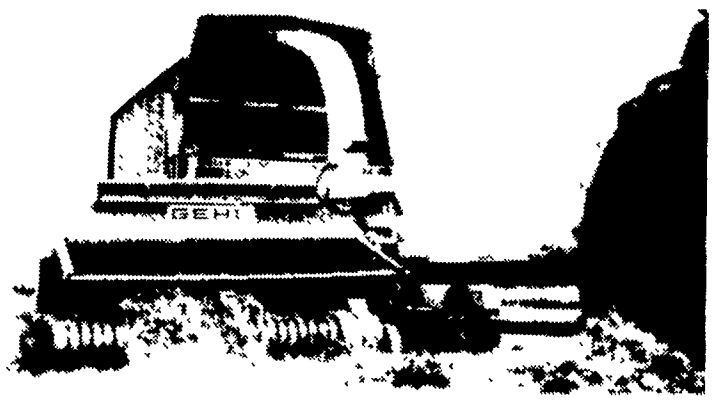

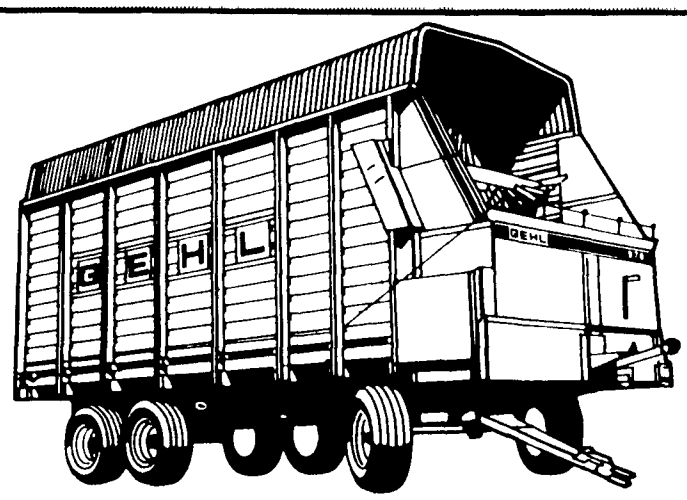

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The Gehl 970 Series self-unloading forage box is a winner! You can't beat it for unloading speed, capacity, strength, ease of maintenance—and price! Ten-year warranty on sides, end-gate, stakes and platform tells you a lot about its superior construction And the optional Even-Feed third beater plus a wide 23½-inch cross conveyor give you the speed and capacity you're looking for Available in five sizes Stop in and look one over today!

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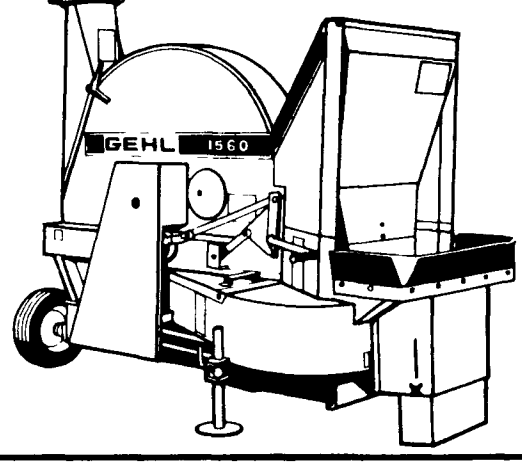

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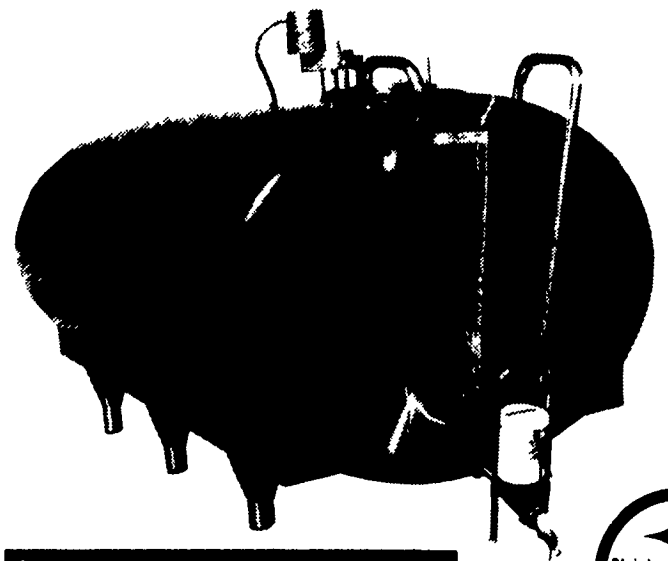

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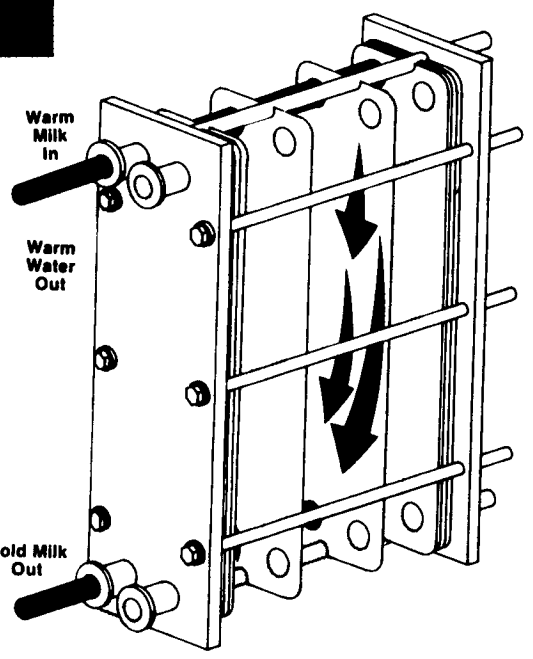

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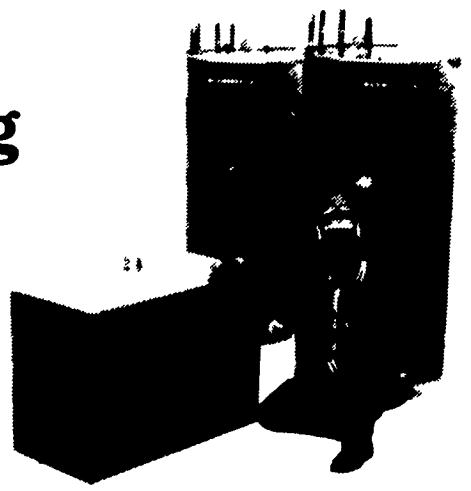

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FREE 16'x45' stave silo, fair cond, good roof, unloader, You take down and move Columbia Co 717-784-4479

1963 Int. truck 18' flatbed 26000 GVW 6 cyl. good shape $800. 4 9 00-20 tires $55 each like new Columbia Co 717-356-7612

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Top buggy, hydraulic brakes, rubber tires, good cond Lanc Co. 215-445-7468.

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Int. 205 combine w/cab, grain head, corn head, good cond. Call after 5 p m Lehigh Co. 215-298-2141.

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Frick sawmill powered by 318 Chrysler Industrial $1200 or best offer. Berks Co. 215-926-3768.

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5' MF rotary mower, three point hookup, Berks Co. ten gallon milkcans, butcher kettle, carnival punch bowl. 717-926-3432 evenings.

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Fertilizer spreader truck, 1971 IHC Fleetstar 2010 used to spread litter, farm exempt licensed motor g c. cab pf, spreader fc $1500 Cumb Co 717-776-3984.

Ford LN6000, 1974, 20 foot flat, diesel, ex farm truck $4500. Chevy 1981 Y2 ton pickup $2000. 215-267-3808.

Cunningham hay crimper, Int. #9 mower 10A manure spreaders, pony carts, harness, saddles, draft horse harness. Fred Co. Md. 301-845-8650 after 8 p.m.

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JD 4400 combine, gas, gear, very clean and field ready w/2 13' grain heads $5750 Harford Co 301-879-2679 or 877-7415

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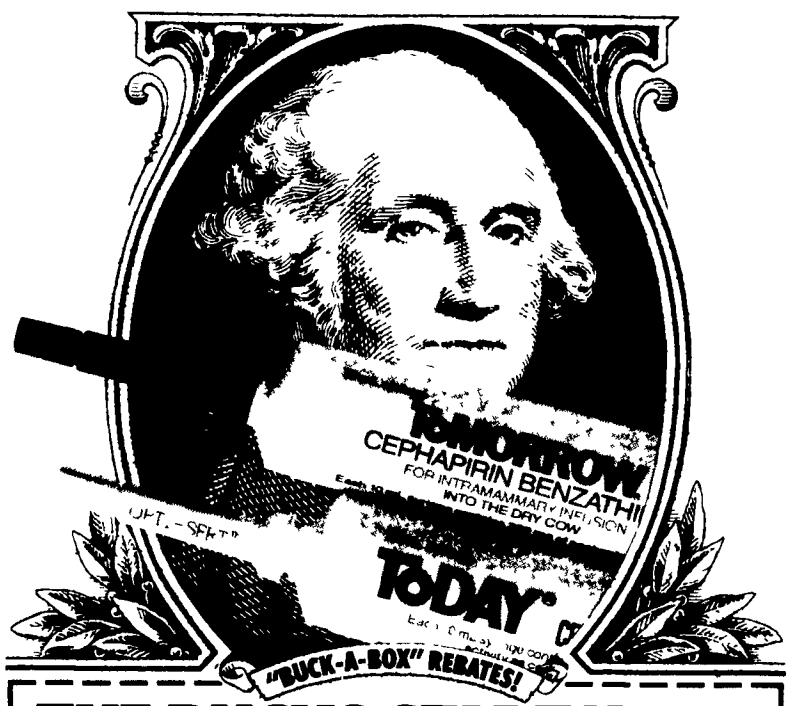

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Send me FREE _____ToDAY _____ToMORROW (Your choice with 12 boxes)

Mail to "BUCK-A-BOX" REBATES
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Offer expires 7/31/91 Must be postmarked by 8 15 91 Minimum of 6 boxes to qualify. Maximum rebates of $240 per household

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**Proof of purchase constitutes the cow and or sun from the front panel of each box of ToDAY or ToMORROW plus a copy of your supplier receipt dated 5/1/91 7/31/91

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Just one more thing. We fellows make our living doing this kind of work, and we've got children to feed and bills. That's our side of it, but you've got such things too. A lot of people tell us that this Scabbling saves a whole lot more than it costs. So go ahead and do it. It'll put shoes on everybody's feet.

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Pomeranian pup, 5 wks old. Samuel K. Fisher, 2588A Bachmantown Rd., Ronks, Pa. 17572.

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31 feeder pigs 6-10-91, 3 way cross shots & wormed Dimmig Farms, Lehigh Co 215-767-9492 delivery possible.

House trailer 14x60, 1976 Liberty, 2 B/R, on axles, new kitchen cabinets, buyer must move, $5000 OBO, leave message. Balto. Co 301-239-3842.

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24T Butler feed storage bin needs work $400 or best offer can haul & set (limited distance). Lanc. Co 215-445-9458.

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Fox terrier pups 9 wks $35 ea Lanc Co 215-445-4910

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1968 Dodge charger, all orig, blue w/black vinyl top, beautiful cond, 383 4 bbl $5,500 firm Call 717-244-2615 ask for Don.

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Jacob ewes yearling & spring lambs, 1 Barbados breeding ram all well marked & horned After 5 p m Lanc Co, 717-665-2408

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McCorm. grain binder w/ dumper 6', 65 Chev truck 18' bed w/sides. Berks Co 215-856-7619 call before 9 a.m. or after 8 p m

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Angus bull for sale. Balto. Co. 301-592-2157.

Holstein bull 16 mths old $500. Israel Martin, Box 545, RD #1, Port Trevorton, Pa 1½ mile off Rts. 11 & 15 on Chapman Rd Snyder Co.

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Garden tractor tillers JD 110-210, Ford/Jacobson GT models Simplicity 3212 $250 each, Bolens tiller $150 Del Co 215-358-0725 eves

Field grown tomato plants $5, 100 Bucks Co 215-343-0342

JD 620, steel wheels, live PTO, nice hood, engine overhauled, meadow hay-bedding for steers, heifers, $35 Lanc Co 215-445-7422

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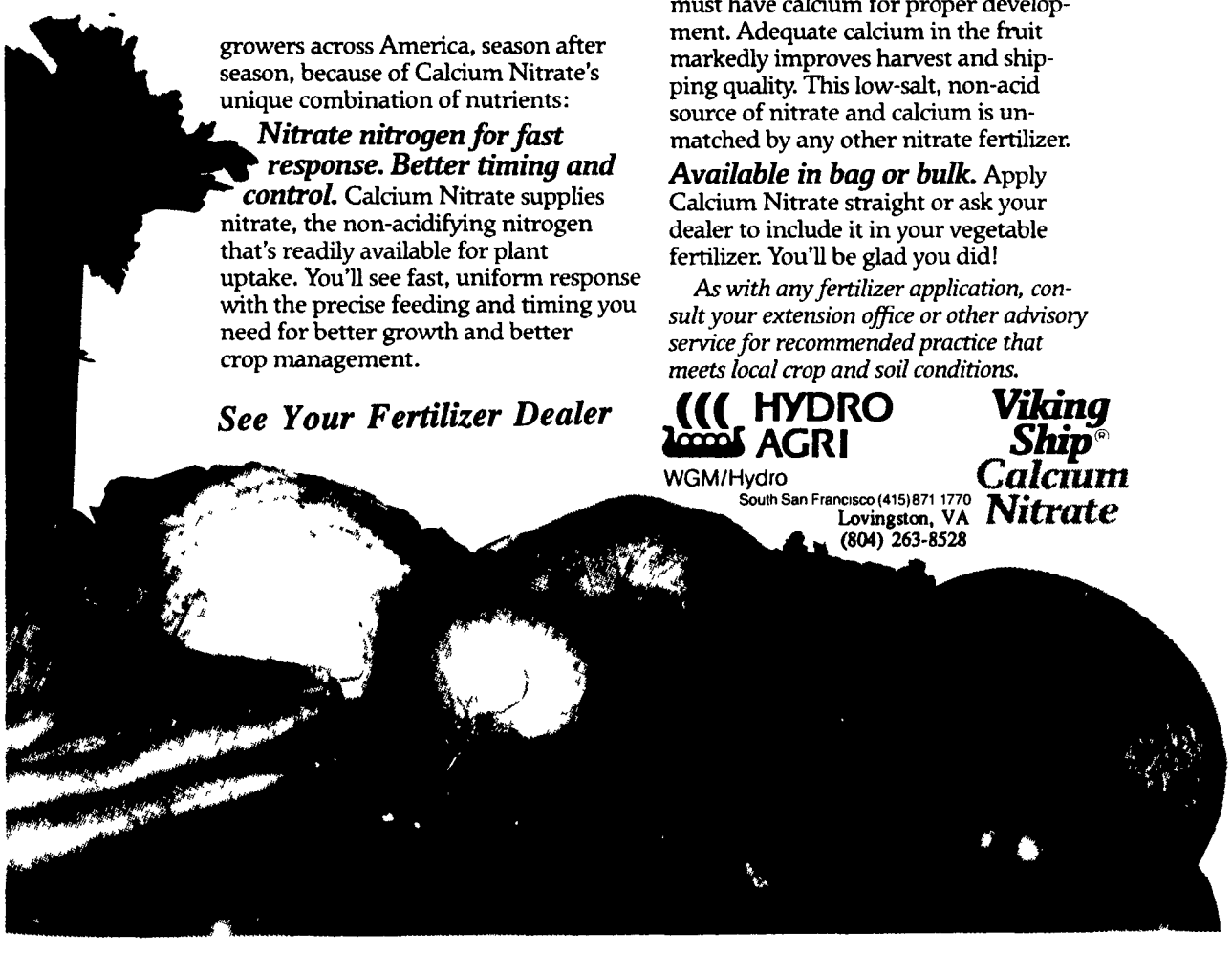

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Int. 844 low profile 4R corn head, excel shape, keep inside Bucks Co 215-794-7381

Tomato cages about 800, take one or all, make an offer Mifflin Co Jesse Swarey, RR 2 Box 45, Reedsville, Pa 17084 717-667-9266

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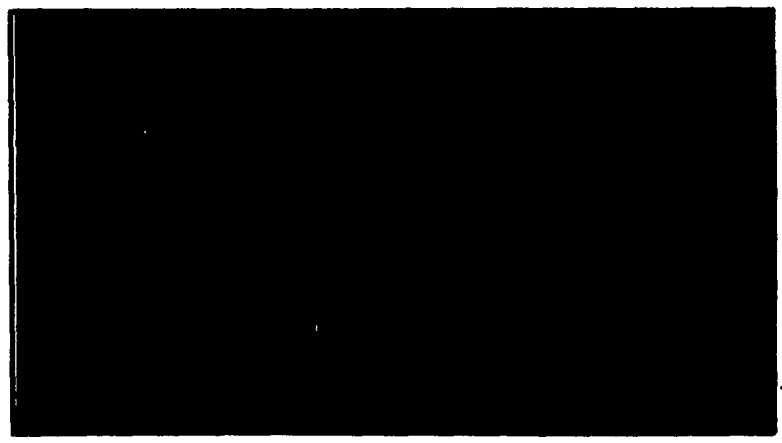

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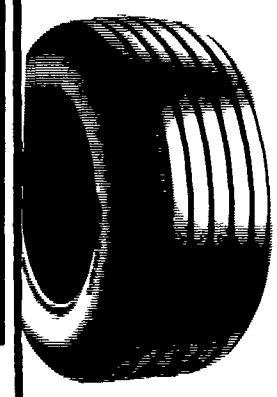

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14 9x28, 6 Ply	$222.00
14 9x28, 8 Ply	$256.00
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16 9x28, 8 Ply	$301.00
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16 9x30, 6 Ply	$296 00
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18 4x30, 6 Ply	$330.00
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18 4x34, 6 Ply	$370.00
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23 1x34, 8 Ply	$771.00
11 2x38, 4 Ply	$185.00
12 4x38, 4 Ply	$210.00
13 6x38, 4 Ply	$222.00
13 6x38, 6 Ply	$246.00
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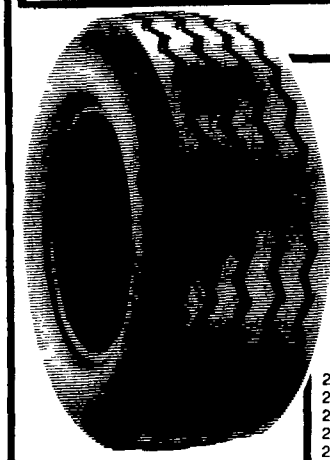

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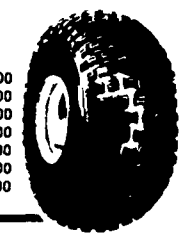
25x12 9	60 00
18x950 8	41 00



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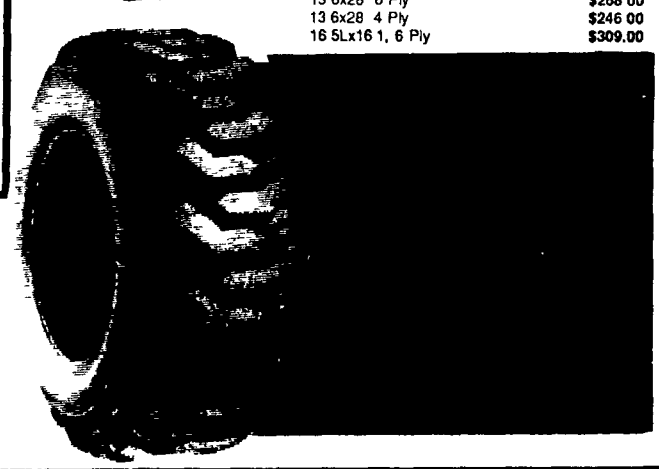
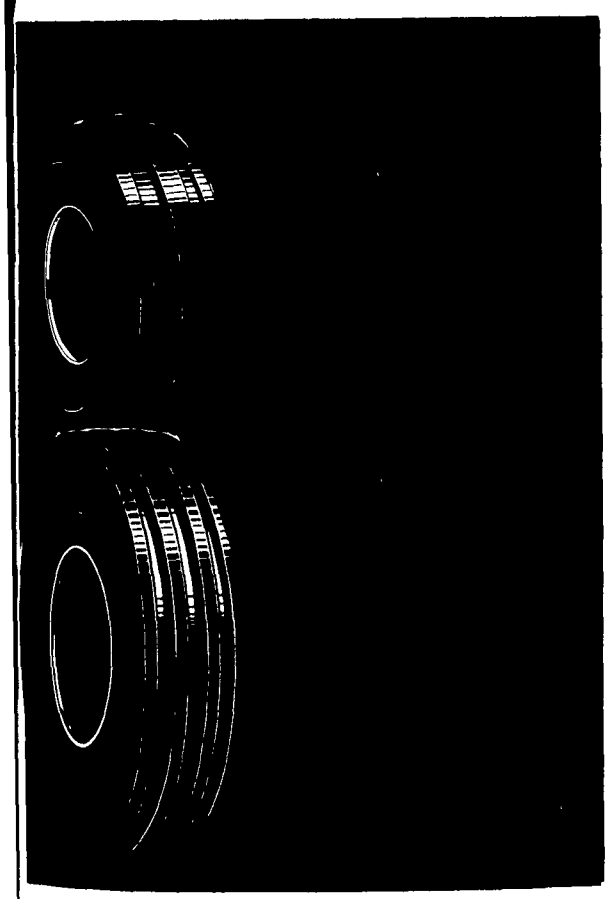
13 6x28 6 Ply	$268 00
13 6x28 4 Ply	$246 00
16 5Lx16 1, 6 Ply	$309.00





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Livestock Notes

Bovine Spongiform Encephalopathy (BSE)

There has been a great deal of press about a disease affecting beef cattle in Britain called bovine spongiform encephalopathy (BSE). This disease was first referred to as "mad cow disease," but the term is misleading and should not be used since it could be confused with rabies in cattle.

The significance in the United States is that the disease is similar to scrapie in sheep and, therefore, most renderers who manufacture meat and bone meal as a by-product feed are not willing to pick up offal containing sheep heads and viscera. As a result, lamb prices have been quite depressed. There is also consumer concern in some areas regarding the safety of beef products.

BSE is a fatal degenerative disease affecting the central nervous system of cattle. BSE appears to be related to a group of diseases (including scrapie) which affects sheep and goats, transmissible mink encephalopathy of mink, chronic wasting disease of mule deer and elk and kuru, Creutzfeldt-Jakob disease and Gerstmann-Straussler syndrome (three extremely rare diseases in humans).

The disease causes a degeneration of the central nervous system and manifests itself in cattle in many ways such as nervousness or aggression, incoordination, decreased milk production, or body weight loss. After the onset of the symptoms, the animal deteriorates until it dies or is destroyed. There is no test to detect the disease in a live animal. The only confirmation is by histological examination of the brain.

It is believed that BSE in England was first caused by feeding cattle meat and bone meal produced at rendering plants from the carcasses of scrapie-infected sheep. However there is no evidence of natural transmission of BSE through either cattle-to-cattle or sheep-to-cattle contact.

The infectious agent which apparently is responsible for these diseases is termed a "slow virus." These agents are usually resistant to heat and to normal sterilization processes. Research is continuing in England to determine if the rendering process (of which meat and bone meal is a by-product) will affect the development of the disease in exposed animals. To date, approximately 20,000 cattle have been infected in Britain with about 300 new cases being reported each week.

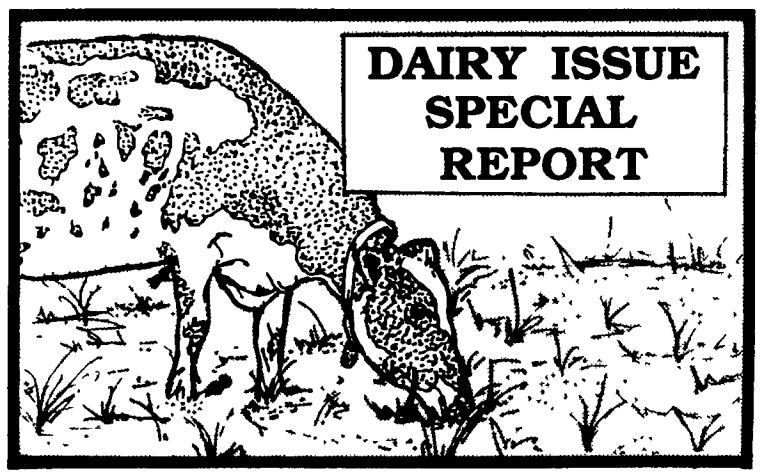
To control the spread of BSE, Britain has: (1) prohibited the inclusion of ruminant-derived protein in all ruminant rations, (2) prohibited the consumption of milk from suspect animals by either humans or animals, (3) stopped the human consumption of certain organs such as brain, and (4) provided an indemnity program to destroy all animals showing signs of BSE. Recently, however, concern has been expressed due to the discovery of some cats with spongiform brain lesions although this has not been linked to BSE. In addition, several zoo ruminants have manifested the BSE symptoms.

The USDA's Animal and Plant Health Inspection Service (APHIS) has prohibited the importation of live cattle and zoo ruminants from Great Britain since July 1989. Embryos and semen can be imported only with special certifications. For several years, there has been no importation of sheep or goats or of British meat or bonemeal because of the presence of scrapie. Additionally, the USDA has stepped up its surveillance efforts and is mounting an educational effort to help inform U.S. cattle producers and veterinarians about this new disease.

What is the impact for U.S. producers? First, sheep prices have been affected by the fact many (or most) renderers have stopped collecting sheep carcasses to help alleviate concern that rendered meat and bone meal from scrapie-infected sheep may pose an animal health problem. The industry is determining the degree to which meat and bone meal is fed to cattle. News reports and the attitude of consumers is being monitored in the U.K. relative to the image of beef as a safe product (to date, consumer confidence has eroded).

What are the facts?

- BSE has never been diagnosed in the U.S.
- The U.S. banned imports of live cattle from the U.K. in 1989.
- The U.S. does not import any beef or beef products from the U.K.
- The only tissue which seems to be a carrier of the organism is the brain, not the meat.



Project Grass!!
What? When? Where?

THOMAS W. CALVERT
Area Conservation Agronomist
USDA-Soil Conservation Service
Somerset, Pennsylvania

Project Grass was started in 1979 as a proposal by Soil Conservation Service, State Conservationist Graham Munkittrick. I was hired early September, 1980, to be the Project Grass Coordinator and was assigned to the SCS Area Office in Somerset, PA.

Project Grass was called, "A grassroots effort toward rural development in southwestern Pennsylvania." It would appear that existing pastureland is presently underutilized. It would also appear that a substantial amount of land could be converted to pastureland and that resource problems indicate the need for the conversion of another substantial amount. The rising cost of fuel and transportation seems to indicate that it would be desirable to raise and market more grazing animals in the populous northeast United States. A program should be developed to satisfy these needs."

The objective listed was, "This program is an activity in rural development to assist farm operators in utilizing and protecting land, according to its capability for forage production. The program will strive toward an improved economic condition, protection of the environment and an improved forage resource base."

The first paragraph under, Developing the Program was, "In order to develop these objectives, first in southwestern Pennsylvania and later statewide, it will take the inputs of many agencies and groups through a coordinated and cooperative effort. This could be directed by the USDA State Coordination & Administrative Committee, The State Rural Development Committee, and local Conservation Districts."

The one page description of Project Grass was, "Project is a concerted effort to improve the livestock and forage industry in Southwestern Pennsylvania. This project is spearheaded by SCS who has assigned a combination project coordinator and resource person to serve the 12 counties in SCS, Area III. His headquarters is in the Somerset Area Office. The role of the coordinator is to provide leadership to improve the livestock and forage industry. Major areas of concern are pasture and hayland management, animal husbandry, markets, information and training needs.

Five broad objectives have been identified for the project area. They are:

1. Enhance Pennsylvania agriculture through better utilization of grasslands.
2. Improve the economic position of Pennsylvania farmers, particularly small farmers.
3. Increase the amount of livestock production in the Commonwealth to increase energy efficiency.
4. Develop improved marketing capabilities for feeder calves, fat cattle, sheep and hay.
5. Achieve better utilization of land and water resources for improved environmental quality.

We can easily see that expertise outside SCS will be required to achieve these objectives. It will be the project coordinator who will pull all the people and information

(Turn to Page C25)

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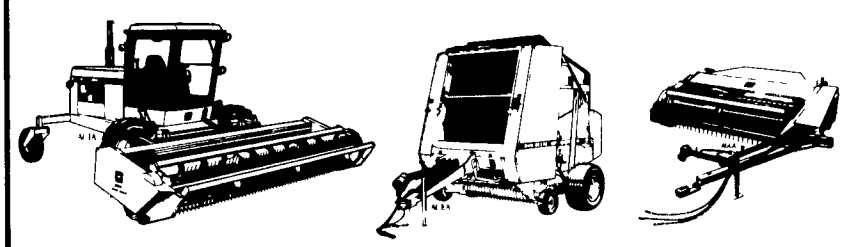

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Dairy At Shrine

(Continued from Page C14)

the honorees' portraits. Leafing through the pages of bios reveals such notables as Elmer McCollum (Pioneer), who discovered vitamins A, B, and D. Referred to as the "father of nutrition," McCollum was professor emeritus at Johns Hopkins University School of Hygiene and Public Health.

In his company is the contemporary, Howard Barker. His biographical entry states, "As George Washington became the father of his country and Henry Ford the progenitor of modern industrial efficiency, Howard C. Barker firmly established himself as the real fire under the Maryland Holstein Association kettle."

And there is Isaac Wallace Heaps (Pioneer), who established several national firsts in the dairy industry. Under his leadership, the Maryland Cooperative Milk Producers, Inc., became the first organization to establish a base-surplus plan of milk marketing. He also developed the plan of selling milk to dairies on a classified basis.

Contemporary Paul B. Misner, "a deep student of pedigrees," developed one of the most important seed stock herds at his Dunloggin Farm, and used the cattle there to experiment with vaccinations which led to today's freedom from Brucellosis.

Also noted is McKendree Walker (Pioneer), who was the first in Montgomery Co., MD to grow alfalfa when it was then called "Lucerne."

The pages of interesting bios go on and on, with each one as interesting as the last. Ridgely said that the volumes of biographies, pictorial records of national judging teams since 1920, pictures of dairy cattle with outstanding production, all the grand champions of all breeds since 1930, trophies, banners and memorabilia are open for "inspection and enjoyment" from 8 a.m. to 5 p.m., Monday through Friday.

"People have a great concern for preserving the history of the Maryland dairy industry, whether it be production or technology," said Ridgely. Upon inspection of the membership roster, it becomes evident that Maryland's impact upon the dairy industry is nationally recognized. Lifetime members who payed the one-time fee of $10 hail from New York, Pennsylvania, Connecticut, Missouri, Florida, Arizona, Ohio, Kentucky, Virginia, Wisconsin, West Virginia, Louisiana, and England. Ridgely said the organization "sustains itself through membership dues."

The organization welcomes visits from schoolchildren, inquiries by individuals, and drop-in visitors. There is also a slide presentation produced by the organization that "we'll take on the road," said Ridgely.

Those interested in becoming a member of the Maryland Dairy Shrine, or for more information on materials housed there, may write to Maryland Dairy Shrine, Box 555, Frederick, MD 21701.

A Good Alternative Crop? Grain Sorghum

DEKALB, Ill. — Corn is the common crop for most farmers in the Midwest. But grain sorghum, also called milo, might be a valuable alternative.

DEKALB Plant Genetics regional agronomist Larry Martin said sorghum is a viable alternative or complement to corn because of its exceptional tolerance to drought and heat stress. The crop also is resistant to corn rootworms and soybean cyst nemotodes.

"Grain sorghum can be an asset if these pests are real threats to your farming operation," he said.

Before growing sorghum, farmers should be sure a market exists. Some elevators will not accept the crop. Possible markets include livestock producers and alcohol plants.

"A visit to your ASCS office would be worthwhile before planting," Martin said. "Since the agency considers grain sorghum and corn equal, it might reduce your corn acreage."

Farmers who decide to grow sorghum will want to produce maximum yields. A soil test is the first step. Soil fertility levels should be close to those for corn with a pH around 6.5 but not below 6.0.

Weed control should be considered carefully, because grain sorghum without a seed safener is sensitive to some herbicides, Martin said.

Sorghum requires a warm (65 degrees), firm, moist seedbed. Delay planting if soil temperature has not reached 65 degrees, he said.

Planting depth should be shallow (1 1/4 - 2 inches) but safely into moisture. Deeper planting may reduce stands.

In general, the same insects and diseases that infest corn should also be monitored with grain sorghum, Martin said. Corn rootworm is the exception.

"Grain sorghum also can be used as a rotational crop to help reduce cyst nemotode populations in soybeans," he said.

Project Grass!! What? When? Where?

(Continued from Page C24)

together to make the project work.

Priority of goals will be set forth in each county plan. ASCS made some funds available this year (1st year). The decision was made to use these funds on cooperators that would be "demonstration farms." Hopefully, these cooperators will carry out a management system that can be used to demonstrate the "state-of-the-art" in practice installation.

There is no money available to the project except through regular cost-share programs. Therefore it is up to us to sell the objectives of project grass. Each of you is an agricultural leader in your county and it is up to you to promote project grass with other agricultural leaders and producers.

Actually, SCS technical assistance in "Project Grass" is a part of our ongoing program. Under this project we are emphasizing treatment of the livestock producers grassland resource. We want to go as far as to seek out these producers, both cooperators and soon to be cooperators, to offer technical assistance. Not only SCS assistance, but that of livestock specialists, ASCS, FMHA, and others that may be needed by the producer. Conservation plans recorded by SCS will be no different than those that we should write on the resource management system to improve or maintain the quality in the standard of living."

There are many things that have not been done to meet the early objectives of Project Grass but the strides have been great. Many changes have taken place. Almost all of the agencies have in some way become involved in the pasture picture. The program is fast becoming a state wide program. In 1989 the Pennsylvania State SCS Conservationist Richard Duncan, hired Duane Pysher to become our state Pasture Specialist, as soon as he finishes Master's Degree work on pastures at Penn State University. The emphasis on pasture and grazing has spread to all parts of Pa. Pastures have become important nationally, not because of Pa. but because of many economic pressures to the livestock industry. Many places throughout the USA have been promoting and researching the benefits both economically and environmentally. The time was right.

If we see as great a change in the 90's, grazing will be on its way to being the primary forage harvesting method and the primary and preferred method of feeding and ruminant animals. It will mean that Pennsylvania farmers will be better able to compete in the ruminant animal production phase of agriculture. The cost of producing milk will be less. The beef brood cow and brood ewe will be less expensive to keep and at the same time, we can expect them and their offspring to be more productive at a lower cost.

The main problem is, or was, we are 25 to 30 years behind in our pasture-grazing management and we need to catch up and if we keep going, we will catch up. Project has and is making a contribution, but the pasture grazing have gone well beyond the bounds of Southwestern Pennsylvania, not all because of Project Grass, but because of other efforts, starting at about the same time, and the combined voices making changes. Now I think we are ready to go full steam.

If anyone is interested in pasture management or grazing assistance, just contact your local Soil Conservation Service office, County Extension office, or Conservation District office.

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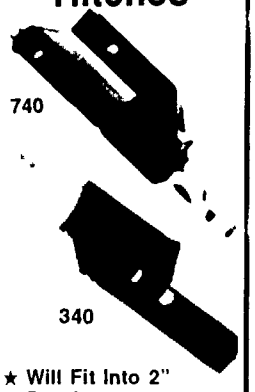

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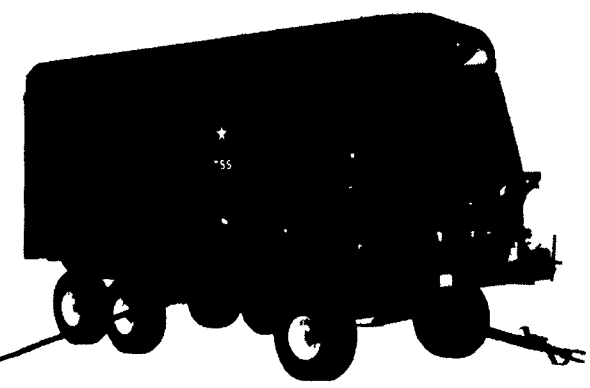
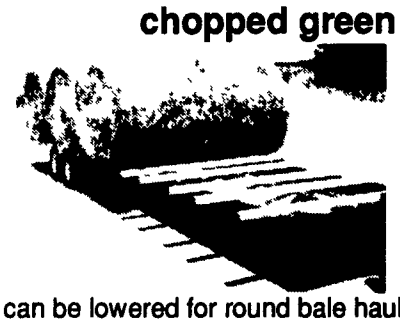


- Fastest and most efficient unloading forage box on the market!
- Variable speeds up to 17 feet per minute on the main apron - More speed selections than any other forage box!
- New and improved all steel design.

Feeds all types of dry hay, round or square bales, chopped green feed, haylage, silage or ground feed.



Sides can be lowered for round bale hauling.

MEYER STEEL BUNK FEEDERS

MEYER EQUALIZER MANURE SPREADER

- Spread liquid, semi-liquid, gutter manure.

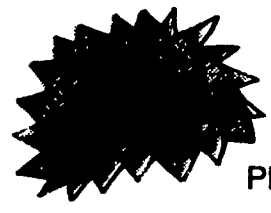
BALE RACKS - 3 Models To Choose From

SEMI-AUTOMATIC STEEL BALE BOX "THE LABOR SAVER"

REGULAR DELUXE MODEL & PRICE FIGHTER

"ROCKY" MINERAL FEEDERS

Rocky will swivel and rock but never waste a drop!



Meyer MFG. CORP.
DORCHESTER, WI
Ph. 715-654-5132 For Your Local Meyer Dealer

FARM EQUIPMENT BUYERS TRUST THE NAME MEYER.

CONTACT YOUR MEYER MFG. CORP. DEALER

PENNSYLVANIA

Easton
George V Seiple & Son
215-258-7146

Elizabethtown
Messick Farm Equipment Inc.
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Greencastle
Meyer's Implement Service, Inc.
717-597-2176

Honey Grove
Norman D Clark & Son, Inc.
717-734-3682

Martinsburg
Wineland Equipment Inc.
814-793-2109

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Mifflinburg Farm Supply
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Mill Hall
Dunkle & Grieb, Inc.
717-726-3115

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Ickes Farm Supply
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Lightning Rod Systems

TEATES LIGHTNING PROTECTION
L.P.I. Certified Master Installer
Farm, Residential and Commercial

FREE ESTIMATES

TIM SHAFFER
(717) 374-7090
P.O. Box 136
Freeburg, PA 17827

NJ COUNTY & TOWNSHIP AUCTIONS
TOWNSHIP OF BRANCHBURG
SATURDAY, JUNE 8
10:00 A.M.

Surplus Township Vehicles, Equipment And Unclaimed Personal Property From Police Evidence, Motorcycles/Dirt Bikes, A Case Model 446 Tractor, A Steam Jenny, Scavenger (Vac) Trailer Type Gas Engine Int., Diesel Engine For 7500 Ford Tractor, Misc Valves, Motors & Pumps, Plus Approx 25-30 Bicycles.

Dept. Of Public Works
34 Kenbury Rd., Branchburg, N.J.
PREVIEW: 9:00 Day Of Sale ONLY.
UPCOMING AUCTIONS
SAT. JUNE 15, 10:00 AM Cranbury Twp.
SAT. JUNE 22, 10:00 AM Manalapan Twp.
SAT. JUNE 22, 12:00 PM Pennsauken Twp.
SAT. JUNE 22, 10:00 AM Morris County

For Information And Directions Call:
Dingman & James Auction Company
(609) 426-6936

ANOTHER GOOD AUCTION CONDUCTED BY
DINGMAN & JAMES AUCTION CO.
CONOVER ROAD, HIGHTSTOWN, N J 08520

RF Dingman AU-002766-L
KE James AU-002767-L

Virginia Stahlnecker Estate Public Auction

Valuable 80 Acres Of Land With 2½ Story Frame Home, Household Goods, Tools And Antiques

Saturday, June 29, 1991
at 10:00 A.M.

Located From Route 61 At Molino Take Route 895 East For Approx. 4 Miles To Hawk Shadow Farm Turn Left Travel Approx. ¼ Mile To Auction. From Orwigsburg Take Red Dale Road For Approx. 4 Miles To Auction. Look For Auction Signs.

Real Estate consists of a 2½ story frame home, 1st floor has kitchen, pantry, living room, 2nd floor has 3 bedrooms, full bath, full attic, full basement, coal stoker h.w.h., well water, 2 small frame out buildings, situated on approx. 80 acres, approx. 40 acres of farm land, approx. 40 acres woodland with many mature trees, stream running thru property, this property has many feet of township road frontage, Blue Mountain School District, East Brunswick Twp., Schuylkill County, Pa.

For Inspection To See Real Estate Call 717-943-2374 or 717-386-4586.

Terms: 10% down day of sale in cash or certified check. Balance within 45 days.

Estate of:
Virginia Stahlnecker
Executor: Walter H. Bilger
Route 2
Orwigsburg, PA 17961
Attorney: Bruce L. Waltman
Orwigsburg, PA 17961

Auctioneer:
Robert A. Arner AU-000024L
Apprentice Auctioneer:
Dean R. Arner AA-002004L
Route 2 - Box 216
New Ringgold, PA 17960
Phone 717-386-4586

BIRD CONTROL

BIRD CONTROL
Mr. Farmer,
We Want to Help You Reduce Your
PEST BIRD
Problems Call or Write to:
HESS AGRI-MARKETING
218 Rockpoint Rd.
Marietta, PA 17547
(717) 426-3135

MAILBOX MARKET WANTED

Real estate wanted. Lebanon/Dauphin Co. farmette or older home with land. Prefer handyman special/privacy. Private buyer. Leb. Co. 717-867-2452.

Gear box for NI #9 manure spreader. Lanc. Co 215-445-4490.

Antique cobbler's bench in good cond. 215-942-3418 after 6 p.m.

Any unwanted cake pans or decorating tools in good cond. Lanc Co 717-367-6147

Grain binder in good cond, 6 or 7 ft. JD preferred. Erwin Hoover, 328 W. Maple Grove Rd., Denver, Pa. 17517.

Wanted to buy: Uses Steiner tractor and/or attachments, also a used Lawn Genie by Matthews Co. 814-364-9333 or 814-238-4957.

Antique pipe deacon or nannys bench 4 to 5 ft. long. Harford Co Md. 301-692-6434, leave message.

Ferns and bamboo, free for the removal of large or small quantity, have Ins to trade. Lanc Co 717-653-9775

Edco or Stow bricksaw w/ water tray andpump, w/gas motor, prefer good cond Lanc Co leave message for Elmer Stoltzfus 215-593-6061

John Deere M tractor, hood & grill. Bucks Co. 215-249-0129.

Attic Flooring and Log Houses. 717-626-4520.

H.S. Gilbert Chambersburg 7 in 1 combination wrench wanted. Name your price. Write- Harry Wehler, 3655 Admire Rd., Dover, PA 17315

Old Maryland milk bottles by serious collector Cash paid or will trade. Call collect after 6 p m 301-721-0473. Crownsville, Maryland

Miniature jenney donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118.

Penn State Winross truck set Second Edition Limited Available May. $50 ea Reserve yours now Cumb Co. 717-737-4386

Propane refrigerators & freezers in good cond, also want 1961 Lincoln Continentals in any cond. Ocean Co. N J. 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid. York Co. 717-292-5573.

MAILBOX MARKET NOTICE

Pair gray mules will be sold at NH sales stables June 14, good workers, John M. Esh, Box 288, RD2 Myerstown, Pa. 17067.

9x32¼ Ribstone concrete stave silo free for taking down & removing, good hoops & staves. Montour Co. 717-437-2457.

AKC collie stud service avail., very coaty & flashy, show quality, eye check/ pedigree upon request, offspring avail to view. Mifflin Co 717-543-5999

WATER RAM information booklets send $%10 00 G Kotula, 3037 Merritt-Parkway, Reading, PA 19608-1013. FALLING WATER PUSHES WATER UPHILL

Yard Sale, Friday, June 7, Saturday, June 8, 8 a m -4 p m, 11 Water St, Christiana, Pa Tools, dishes, elect stove, clothes, records & more

Vernon Leicht, greenhouse to be taken down, please send address, phone number, to Jacob Stoltzfus, 5075 Newport Rd, Kinzers, Pa. 17535.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc Berks, 215-374-2114

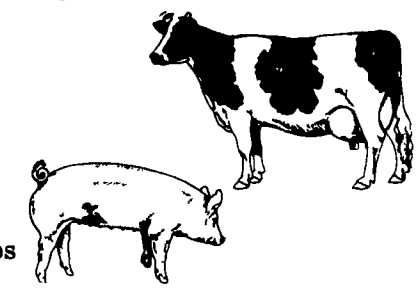
Siberian Husky stud service red & white, silver & white, blue eyes Adams Co 717-334-3984

Problem Water?

Odor? Bad Taste? Stains? Iron? Manganese?
Mineral Buildup? Color? Bacteria? Virus?
Harmful Micro-organisms? Hydrogen Sulfide?
THM Precursors? Other Contaminants?

Do You Have Any Problems With:

* Scours
* Digestion
* Mastitis
* Breeding
* Small Litter Size
* Too Much Medication
* Milk Production
* Poor Feed Efficiency
* Algae in Drinking Cups
* Bad Conception Rate



Could Water Be Your Problem? Complete Farm Water Treating System

A Farm Water System that is designed to clean the water on your farm with one of natures most powerful purifying agents — Condensed Oxygen (Ozone).

OREGON WATER CONDITIONING INC
335 Quarry Rd., Leola, Pa. 17540
717-656-8380

Sale Reports

FRIEL ESTATE SALE

A Public Auction of antiques and furniture was held May 25 for the estate of Albert B. Friel and The Colonels Collection Antique Shop, Dover, Del. The sale was held at Rudnick's Sales on Route 213 in Galena, Maryland.

Some prices received were: walnut tilt-top dining room table $900, 6 dining room chairs $720, Hoosier kitchen cabinet $450, swan neck sofa $525, server $400, 1880 oak baker's cabinet $350, 4 walnut chairs $400, swing-leg dropleaf table $400, ball & claw foot mahogany desk $900, camelback sofa $725, Oriental runner $500, 6x4 ft. old Oriental rug $1250, 2 Madison-Mitchell decoys $270 & $250 and 54 pc. set of Gorham silverware $510.

Harry Rudnick & Sons, Inc. managed the sale.

MILKY HERD DISPERSAL
FRIDAY, JUNE 14, 1991 - 11:00 A.M.
Located In Blair County, 1 mile North of Martinsburg, Pa., on Pa. Rt. 866, 2nd Farm on Right.
46 REGISTERED HOLSTEINS & 2 TOP GRADES
MAY DHIA ROLLING HERD AVERAGE - 19,569 - 4.0 -786 FAT
30 Day Test - Preg. Checked - Vaccinated for Shipping Fever
14 Fresh March, May & June
9 Due June, July & August
13 Due Sept., Oct. & November
GOOD UDDERS - TIE-STALL MILKED - FREE STALL HOUSED
12 Milking with First Calf
12 Milking with Second Calf
20 Milking with Third Calf

SIRES OF REGISTERED ANIMALS SELLING INCLUDE: Triple Threat-6, Bootmaker-4, Cavalier-3, Enhancer-3, Hilltop Appolo Ivanhoe, Elevation, Steady, R. Maple, Ned Boy, Cletus, S-W-D Valiant, Astronaut and others.

SERVICE SIRES INCLUDE:
Inspiration, Black Star, Mandingo, Secret, Calypso, Bell Rocky, Kinglea Leader, Cletus, Skyler and others.

FEATURED REGISTERED ANIMALS
Red & white 3 yr. old **ENHANCER** Daughter due in October to **INSPIRATION.** Projected this year - 19619 - 4.2 - 832 fat. (THIS IS A FANCY YOUNG COW)
4 year old **TRIPLE THREAT** Daughter - Fresh in March. Will be bred back to **INSPIRATION.** Milking over 90 lbs. of 4.8 - 3 yr. old record of 19000 of 3.8. (NEVER SCORED BUT WILL SCORE HIGH)
3 yr. old **CAVALIER** Daughter - Maternal Sister to featured Enhancer Daughter. Due for Fall - Milking 20000 this year with 4.2. (NICE YOUNG COW)
4 year old **HILLTOP APPOLO IVANHOE** Daughter with a 2 yr. old Record of 18747 - 4.0 - 752 fat. Bred to **BLACKSTAR.**
4 yr. old **BLAIR BREEDERS CARMEL PEPPER** Daughter, due to **CLETUS** in October. Milking over 100 lbs. and projected to over 27000 - 3.8 - 951 fat. (ANOTHER GOOD YOUNG ANIMAL)
I.D. Required for Bidder's No. - Not Responsible for Accidents

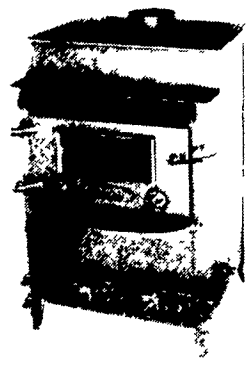
OWNER RICHARD HELTZEL
R.D. #2 Martinsburg, PA
814-793-3986

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D. #1 Box 66
Landisburg, PA Lic. #500
717-789-3883

AUCTION SERVICE KLING'S

BUY DIRECT FROM THE FACTORY AND SAVE

Heat King



Quality Built By...
Baker

"VISA AND MASTERCARD ACCEPTED"

"MANUFACTURED IN YORK COUNTY" COAL BURNING STOVES & INSERTS

MANY MODELS TO CHOOSE FROM, 20 MINUTES FROM HARRISBURG, PLEASE COME SEE OUR LOW PRICES AND LARGE SELECTION.

Baker
MANUFACTURING
711 E. Mt. Airy Road
Lewisberry, Pa.
717-432-9788

Sale Reports

ERGOTT ESTATE SALE

A Public Auction of real estate, motor home and vehicles was held May 25 for the estate of Raymond L. Ergott, 3 miles north of Jersey Shore, Pa.

The 11 acres with a 2 story house and 3 bay metal pole garage was sold for $58,000.

Other prices were: 77 Travco Elite 29 ft. self-contained motor home $7000, Int. 340 tractor $1925 and Suzuki 250 quad runner 4 wheeler $1350.

Fraley Auction Co. conducted the sale.

FARM EQUIPMENT AUCTION

JUNE 7, 1991 9:00 A.M.

Brillion Alfalfa Seeder; New Holland 256 Rake- Sharp; J.D. 3 pt. 3 bottom plow; Gehl 800 recutter; J.D. field cultivator; Kewanee 180 Chisel plow; Case disc; Schultz 4R Cultivator - Danish tine; N.H. #55 Rake; I.H. 5 B plow Hyd. reset; Brillion Cultimulcher; Oliver 4B plow; 3 pt. Cultivator- Danish tine; Leinbach line of harrows, cultivators, plows, rakes, blades, diggers, mowers, tillers, hay forks, spreaders, boom poles, etc.; House line of rotary mowers; N.H. 275 Baler super sweep and bale chute; N.H. 58 Bale Thrower- came off a 315 Baler; 68' Dump truck; Case 580 tractor construction king with loader; 55'8" Transport auger; 751 N.I. Crimper; 58 N.H. Bale Thrower; New steel wheel wagon- Farm built gears, 16' bed w/side boards; Brand new storage shed- 10'x16'; 1981 22' Prowler Camper- very good condition, many extras.

Receiving Days- Mon.-Thur. 7 A.M. to 5 P.M.

A & C Diffenbach Auction Inc.
100 W. Jackson St., Box 186
New Holland, PA 17557
(717) 354-3297

Alan Diffenbach Auct.
AU2258L

PUBLIC AUCTION OF ANTIQUES

Collection Of Mrs. Henry E. Luhrs, Shippensburg, Pa., Helen Ward, Lebanon, Pa., Amanda Zartman, Lebanon, Pa., Charles Page, Palmyra, Pa. & Local Estates.

SAT., JUNE 15 - 9:00 A.M.
KLEINFELTER'S AUCTION ROOM
105 Chapel St., Lebanon, Pa. 17042

Located Between 7th & 8th Streets Off Of Willow St., Next To New Library At 7th & Willow Streets (1 Block N. Of Route 422.

Exhibition: Friday, June 14th- 2 P.M. To 8 P.M.

Furniture, Mechanical Banks, Dolls, China, Glassware, Etc. Lg. Collection Of Early Adams Approx. 160 Pcs. Consisting Of: Cherry Inlaid 8 Day Grandfather's Clock Signed Emanual Melly, Lebanon, Curly Maple 8 Day Grandfather's Clock Signed Daniel Oyster, Reading, Decorated Dower Chest (Jonestown - Leb. Co.), Unusual 2 Part Dutch Cupboard, 2 Walnut High Chests, Walnut 2 Part Scroll Top Arch Door Corner Cupboard, 2 Part Kas, Mahogany Empire Sideboard, Softwood 2 Part Corner Cupboard, Bucket Bench, Set Of 6 Balloon Back Chairs w/Original Dec , Set Of 6 Half Spindle Chairs, 7 & 9 Spindle Windsor Side Chairs, Canopy Bed, Ornate Victorian Loveseat w/2 Matching Chairs, Dolls & Doll Furniture, Mechanical Banks (Organ Grinder & Dancing Bear, Trick Pony, Eagle & Eaglettes, Elephant & 3 Clowns, World's Fair, Speaking Dog, Humpty Dumpty, Etc), Woolen Coverlets (Joseph Smith Millerstown, Leb. Co. 1804 & Washington Hall 1869), Quilts, **Early Mantel Watercolor,** Oil Painting On Tin, Oriental Rugs, **Pr. Of Hepplewhite Knife Boxes,** Blanket Chests, Victorian Brn. Marble Top Table, Tilt Top Tables 1 w/Bird Cage, Ornate Walnut Mother Of Pearl Inlaid Marble Top Table, 2 Pc. Ornate Late Victorian Walnut Desk w/ Bookcase Top, Walnut Pier Mirror, Softwood Bucket Bench, w/2 Drawers & 2 Doors Empire & Mahogany/ Old Ton Card Tables, Walnut Shaving Mirror, Fire Screen, Walnut Chest Of Drawers w/Mirror, Empire Bureaus, Softwood Cobbler's Bench, Ornate Vine & Leaf Pedestal, Sm Carved Oriental Prayer Bench w/ Carved Stork, Splay Leg Table, Cherry Dropleaf Table, Finger Carved Side Chairs, Ornate Wicker Loveseat, Walnut 1 Drawer Open Washstand, (7 Pc. Medallion Back Victorian Finger Carved Sofa, Gents Chair, Ladies Chair & 4 Side Chairs), Walnut Pie Crust Table, Walnut Chippendale Silverware Chest On Stand, Cherry & Softwood 1 Drawer Stands, Oval Walnut Victorian Marble Top Table, Sheraton Mahogany Bureau w/Desk In Top, Ornate Iron Plant Stand, Walnut Victorian Single Bed, Decorated Plankseat Rocker, Gold Leaf Frame Pictures, **Early Adams Approx. 160 Pcs.** (Covered Tureen, 3 Dome Coffee Pots, Pepper Shaker, 4 Platters, Squat Footed Teapot, Lg. Bowl, Sm. Covered Condiment, Oval Veg. Dishes, 3 Creamers, 2 Milk Pitchers, 2 Footed Gravies, Teapot, 5 Covered Sugars, 1½ " Ladies Spittoon, Soups, Plates, Cups & Sauces, Etc.), Sterling Silver, Spatter, Flo Blue, Cut Glass, Mottlach & Regimental Lithophane Steins, Pattern Glass, Steiff & Early Stuffed Animals, 72 Pc. Limgoes China Set, Hand Painted, Split Baskets, Leaded Lamp, Piano Lamp, Gone w/The Wind Lamps, Lincoln Pictures, Sm Ornate Music Box, Chippendale & Sheraton Mirrors, Majolica, Dresden Figurine Billy Goat w/Statesman, Child's Early Wooden Push Sleigh, Early Wooden Child's Rocking Horse, 12- Royal Vienna Reflection-Plates, Dresden Bird Plates, Redware & Pottery & Many More Items Too Numerous To Mention.

For Descriptive Circular Write Above Address Or Phone: Cash Or Approved Check. Out Of State Buyers Must Have Letter Of Credit That Check Is Drawn On.
No Buyers Charge

Kleinfelter Antiques & Sales
105 Chapel St., Lebanon, Pa. 17042
Phone: (717) 865-5129 Or (717) 272-7078

Auctioneers: Clayton C. Kleinfelter Sr. AU-000497-L
David Kleinfelter AU-002057-L
Ralph Kleinfelter AU-001456-L

MILK. IT'S FITNESS YOU CAN DRINK.

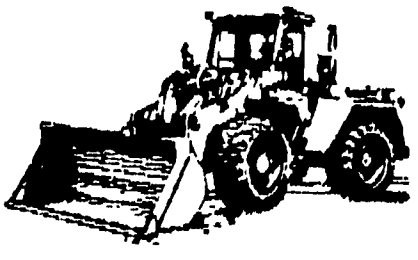
8TH ANNUAL CENTRAL NEW YORK

CONSTRUCTION EQUIPMENT & DUMP TRUCK AUCTION

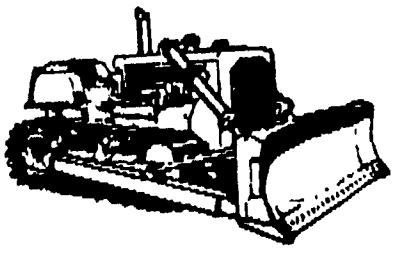
SATURDAY, JUNE 8TH, 10:00 A.M.
SYRACUSE, NEW YORK

HIGHLIGHTS INCLUDE:

CRAWLER TRACTORS: Cat D8K, Cat D8H, 2-Cat D6D, Cat D4H, 2-Cat D3B, 1988 John Deere 750B, 1988 John Deere 650G, 1988 John Deere 450G, 1988 Case 450C. **CRAWLER LOADERS:** 1988 John Deere 755B. **LOG SKIDDER & HYDRAULIC EXCAVATOR:** John Deere 540A, John Deere 490. **18 TRACTOR LOADER BACKHOES:** 1989 Case 580K 4x4, 2-Case 580 Super E, Case 580D, John Deere 510B, John Deere 410B, 1985 Ford 555. **RUBBER TIRED LOADERS:** Cat 936, Cat 930, 2-John Deere 544C, Fiat Allis 645. **SKID STEERS:** Case 1845B, Case 1845C. **PAVING EQUIPMENT:** Bros SPV730 Vibratory, Bomag SW170 Pads Foot, I.R. DA48 Vibratory Roller, Air Compressors. **2 MANLIFTS, 10 NEW YORK STATE OVERWEIGHT TRUCK PERMITS, 10 DUMP TRAILERS, 25 TRUCK TRACTORS:** Mack, GMC, Ford. **10 DUMP TRUCKS, 15 STRAIGHT & PICKUP TRUCKS, 10 TAGALONG TRAILERS, GARDEN TRACTORS.**



Alex Lyon & Son
SALES MANAGERS & AUCTIONEERS, INC.



Syracuse
(315) 637-8912

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DE LAVAL

We Proudly Salute The Dairy Farm Families

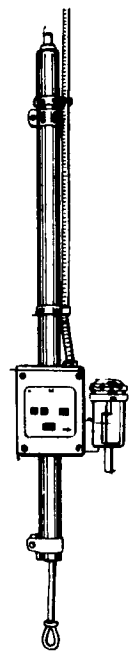
JUNE IS Dairy MONTH

Build Your Future with the Best

HDI
HEAVY-DUTY INSTALLATIONS

If you want to build a more profitable dairy business, then build with the best — **HDI dairy equipment** from De Laval.

Specially designed for rugged service in heavy-duty installations, **HDI** milking, feeding and cooling equipment offers advanced technology and superior construction to give you the capability and performance you need for future success.



THE ATO OF THE FUTURE IS HERE, TODAY.

De Laval proudly introduces the **SST II SS™**, an automatic take-off unit that combines the power and versatility of electronic controls with the beauty and durability of stainless steel.

The unit's breakthrough design makes it a perfect choice if you need basic automation today or plan to totally automate your dairy in the future. Fully programmable and constructed of 304 stainless steel for rugged service, the **SST II SS** interfaces with 2 (soon to be 3) types of DHIA-approved milk meters.

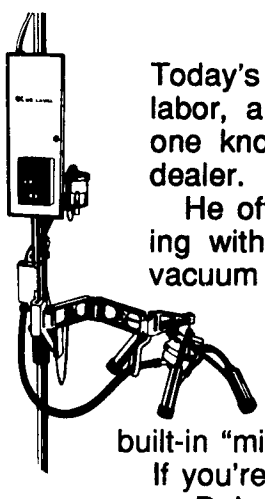
To learn more about the **SST II SS**, and our other advances in milking automation, just give your independent DeLaval dealer a call.

SAVE A BUNDLE ON COOLING COSTS

Century™ Bulk Milk Coolers -

The most energy - efficient cooler you can buy!

BETTER MILKING IS AUTOMATIC WITH US



Today's automatic milking equipment can save you time and labor, and help you increase your herd's production. And no one knows more about dairy automation than your De Laval dealer.

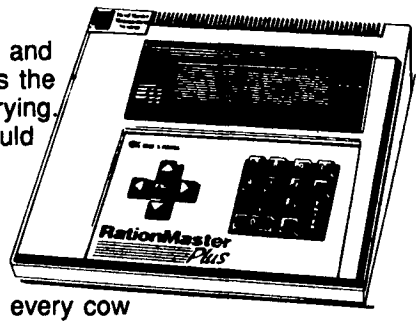
He offers a full line of De Laval automation equipment, starting with the **DV-300™ Milker.** It *senses* milk flow, and shifts vacuum levels and pulsation rates automatically.

De Laval offers a wide range of automated take-off units. The **SST™ II** and **Portable SST™ II** models remove milking claws with microprocessor-controlled precision. And the popular **A.R.M.™ II** model offers a built-in "milk sweep" function.

If you're looking to improve your milking operation, just look up your DeLaval dealer. Because, with him, better milking is automatic.

THE FUTURE OF PRECISION FEEDING

Reduce operating costs and increase production. That's the key to more profitable dairying. And that's why you should know about a remarkable new feeding system from De Laval that can help you reduce feed costs while improving the production potential of every cow in your herd.

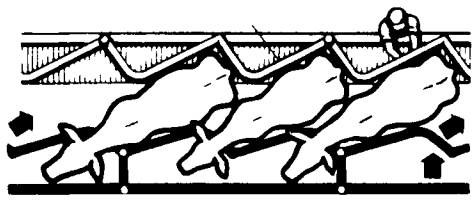


The new RationMaster® Plus system gives you precise control over the ration each cow receives and how that ration is delivered. This precision feeding approach is proven to help cows better utilize their feed and convert more of it to milk.

We invite you to learn more about RationMaster® Plus™. We think you'll agree the future of precision feeding has arrived!

15,000 Dairymen

Can't Be Wrong



Why have more than 15,000 dairymen chosen **De Laval Herringbone Stalls** for their milking parlors? Because they know they can count on our herringbone stalls for labor-saving automation, easy traffic control and rugged dependability.

Now you can get that same De Laval quality in an all-exit stall. Our **Blue Diamond All Exit Parlor Stall** enables your cows to exit as a group—not in single file. That means you'll milk more cows per hour, and spend far less time on parlor clean-up.

You might also be interested in our **Blue Diamond Full Control Crowd Gate**—one of the most time and space efficient herding mechanisms ever invented!

For a demonstration of the convenience and efficiency of **De Laval Parlor Stalls**, visit your De Laval dealer today And if you still need an incentive, just ask yourself, "Can 15,000 dairymen be wrong?"

Your DeLaval Dealer is Right Next Door...

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Potomac Valley Supply
Rt. 2, Box 326-D
Hagerstown, MD
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H.B. Duvall Inc.
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301-662-1125

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P.O. Box 77
4132 R Main Street
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Shippensburg, PA
717-532-6139

J.B. Zimmerman & Sons
West of Blue Ball,
PA on Route 23
717-354-4955

* Refrigeration Equipment Only

Sale Reports

LUCKENBILL SALE

A Public Auction of 41 Holstein dairy cattle was held May 22 by Jim "Whitey" and Helen Luckenbill, 2½ miles east of Elimsport, Pa. off Route 44 along Ridge Rd.

The top price for a cow was $1150 with several selling for over $1000. The average of the 34 cows was $805.

Fraley Auction Co. conducted the sale.

NOLT ESTATE SALE

A 2 day Public Auction of shop equipment, antiques and household goods was held May 24 and May 25 for the estate of Ivan Z. Nolt, Linden Grove Road, Voganville, Pa. in Lancaster Co., Pa. There were 208 bidders registered on Friday and 145 registered bidders at the Saturday sale.

Some prices received were: 1985 Dodge minivan $5500, Oliver 70 tractor $750, Bush Hog mower $550, box trailer $650, floor drill press $270, 2 compressors $315 & $460, iron bulldog $150, wooden riding horse $500, Lionel 1668-E electric train engine and tender $200, set of flow blue china service for four $600, 2 flow blue plates $100 each, Winchester model 62 .22 cal. rifle $345, set of 6 fiddleback chairs $345, coverlet $350, walnut blanket chest $600, oak wash stand $170, Empire slant-top desk $800, refrigerator $200, several Oliver tractor souvenir items: straw hat $95, lighter $120, compass $100 and two 1850 toy tractors $140 & $160.

Robert E. and Jeffrey R. Martin and Randall Ranck were the auctioneers.

HAUPT ESTATE SALE

A large 6 day Estate Auction was held May 23, 24, 25, 26, 27, 28 & 29 for the late Dr. Earl and Betty Haupt estate, 4 miles north of Somerset, Pa.

Some prices included: Regina music box $7250, Tally Ho cart w/2 horses $8500, bear trap $500, 100 Mary Gregory pieces $50 to $1200 each, stoneware (decorated) $50 to $3000 each, mechanical bank (girl jumping rope) $12,000, mechanical bank (organ grinder & bear) $6000, 160 wooden plane collection $25 to $300 each, coverlet $1900, medicine bottles $100 to $150 ea., old lamps $50 to $500, 6'6" wood cigar store Indian $650 and advertising signs up to $600.

Merle Mishler & Associates conducted the sale.

717-569-4264 SANFORD G. LEAMAN AUCTION SERVICE 717-569-4264

LIC. # AU-532-L
LICENSED & BONDED

PUBLIC AUCTION

HORIZON INDUSTRIES
3625 HORIZON DRIVE,
LANCASTER, PA.
SATURDAY- JUNE 8, 1991
9:30 A.M.

MERCHANDISE CONSISTS OF- VAN NORMAN #2 Horizontal Plain Mill, BOYER SHULTZ 6x18 Model 2A Hydraulic Feed Surface Grinder, DoAll 6x18 Model G1 Hydraulic Feed Surface Grinder, BRIDGEPORT Model J Vertical Milling Machine, NIAGARA 20 ton x 6 foot Press Brake, OMES MEC 350 14" MITERING COLD SAW w/2 Vises, ALTOS COMPUTER w/A.J. Daisy Wheel Printer, Large & Small Dust Collector, MARQUETTE Spot Welder, DoAll Band Saw Blade Welder, #2 GREENERD & LYNCH Arbor Presses, Approx. two Dozen Motors 1 & 3 phase- 1/4 to 20 HP, Large 5 HP Single Phase Motor, MONARCH Drill Press w/ Power Feed (leather belt drive), VERY LRG HAMILTON DRILL, Press w/Power Feed, HAMMOND 10" Tool Grinder, BIG JOE 1000# Hydraulic Lift Truck, Small Rotary Tumbler, DELTA 10" Abrasive Saw, Buffalo Table Saw, TIG Welding Torch Cooler, Parts Cleaning Tank, PEXTO Sheet Metal Crimpers & Beaders, HOWE RICHARDSON 300# Cap. Counting/Weighing Scale, 50 Cycle Power Supply, Misc Lots Electrical Wire, Industrial Fluorescent Light Fixtures, Banding Cart, Asst. Banding & Access., Latham Time Clock, Oasis 35 Pint Dehumidifier, Oasis Drinking Fountain, Misc Fan Wall Shutters, Misc Exhaust Fans, General Electric 5000 BTU Air Conditioner, Frigidaire Refrig/Freezer, Large Wheel Lawn Cart, Misc Wheels for Carts, NEW 20" Diameter Wood Saw Blade, Hand Truck, Drum Truck, 36" Metal Door w/Frame, Steel Rack, Number & Letter Stamps, Pneumatic Riviter, Thread Chasing Head, 40" Vernier Caliper, Paasche 5 gal Paint Pot, Large & Small CARBIDE Tool Bits, Misc Tables & Benches, Milling Machine Vises, Swing Arm Radiac Saw, Large Dividing Head, Large 4 Jaw Chuck, Misc Carts w/ Casters, Misc Sunnen Honing Stones, Small Machine Vise, Electro-Pneumatic Rotary Table, NEW Fisher Furnace Controller w/ Thermocouple, 6 Foot Piano Hinges, NEW 2 Speed Squirrel Cage Blowers, Small To VERY Large C-Clamps, Small To Very Large Flat & "V" Pulleys, Grinding Wheels, Fuelmiser Furnace Heat Reclaimers, Misc Air & Hydraulic Cylinders, Hydraulic Control Valves, X-Y Mill Drill Table, Misc Lots Milling Cutters, Chain Hoists, Roller Type Conveyor Racks, Misc Lots Hardware, Craftsman Rotary Tool Bench, 1-1/2 HP Gear Head Motor, Scaffolding, Heat Lamps, Small Kerosene Heater, Lot Of Window Panels w/Aluminum Frames, Misc Other Lots Too Numerous To List, Misc Lots Household Items, 1981 YAMAHA 750 SECA Motorcycle w/Sport Fairing- 9100 Miles- Exc Cond.

SANFORD G. LEAMAN, CAI
AUCTIONEER
LICENSE #AU-532-L
(717) 393-2437
FOOD AVAILABLE

PUBLIC SALE

OF VALUABLE REAL ESTATE, TOOLS, SHOP EQUIP. & ACCESSORIES, CARS, CAR PARTS, SHED, OFFICE EQUIP & MISC.

SATURDAY, JUNE 22, 1991
AT 9:00 AM -- REAL ESTATE AT 1:00 PM
LOCATION: From Red Lion Take Rt. #74 South Approx. 3 Mi. To Sale Site On Left At 1163 Delta Rd. Follow Signs!
1:00 P.M. REAL ESTATE 1:00 P.M.

This large combination office-garage-living quarters is conveniently located in Windsor Twp., Red Lion Sch. Dist., zoned agricultural w/commercial use. Office & living area are approx. 52'x67½ ' & contain 3 offices, small kitchen, 1 bath w/ shower & ceiling fan, lg. living room, carpeting & paneling & drop ceiling thruout, 2 built in air conditioners. A 29'x50'4" garage w/new rotary lift (lift will be offered separately), 2 steel security doors & is approved for state inspection. Also a front clean-up bay, 1 paint room w/explosion-proof lights & vent. system. Elect garage door openers thruout, intercom system thruout, complete fire & burglar alarm system thruout. Body shop meets state requirements. Oil forced hot air heat thruout w/separate tanks & systems for office & garage. Garage system is recently new. Building has tar paper shingle roof. Front car lot is 50'x93' w/new halogen lights & dusk to dawn lights in front & back of building. Property will be sold as is.

INSPECTION OF PROPERTY: By appt. only call Mike Lake 717-246-9344 or call auctioneer.

TERMS OF REAL ESTATE: $10,000 down day of sale in cash or certified check only, with balance due in 60 days. Out of state buyers must have current bank letter of credit unless known by auctioneer!

AUCTIONEERS NOTE: An excellent investment opportunity for a business with efficient office & garage space. Must see to appreciate! Call today!

TOOLS, SHOP EQUIP. & ACCESSORIES

Lg set Snap-On (SO) tool boxes w/side boxes, Coats 40-40 SA ture machine, SO computer wheel balancer, SO mig welder, SO pro-go batt maxi starter, SO HD batt charger, SO torch outfit w/bottles, new 1000 lbs psi hot & cold power washer, port 5HP 1500 lb psi gas cold washer w/40 gal tank & 100' hose, Dual air paint gun cleaner, Auto Sperse paint mix machine, 3-ton engine lift, 16-spd HD floor mod drill press, 20-ton HD press, HD air bumper jack, metal work bench w/vise, free-standing body shop infrared lamps, telescoping air trans jack, Reddy space heater, ½ -ton chain hoist, var sizes elect drills. Snap-On hand tools: torque wrenches, tubing cutter, diagnostic meter, rethreading set, puller set, socket sets, air guns, adj wrenches, screwdrivers, wrenches, grease pump, creepers, air grinder/buffer. Router, new Sharpe paint guns, body shop puller w/rack & assortment, body shop hand air tools, body shop supplies & paint, jack stands, new time clock w/rack, vacuum line rack, Mitchells motor manuals, tune-up cabinets, complete set Hollander interchange books w/rack, paper machine, new rolls of paper, sledge hammers, bench grinder, vises, hyd jack, log chains, state inspection tools, Hoppy headlight adjusters, complete puller set, 4-ton HD porta-power, assortment cabinet full of var. garage accessories, many garage supplies- mostly new, port shop fan, Craftsman HD shop vac, port floor hoist, key cabinet, air regulators, garage exhaust kit, metal service desk.

CARS, CAR PARTS, SHED, OFFICE EQUIP & MISC.

1979 Chevy Corvette L-82: black, T-tops, 47000 orig mi, ONE OF A KIND, EXCELLENT SHAPE. 1986 Camaro Iroc Z-28: black, loaded w/ all options, 60000 mi., needs trans work. Various other cars. 4 Iroc Z-28 wheels, 1970 Cuda hood, '88 Mazda RX7 fuel injected motor, many types of var car parts, performance parts. 275-gal waste oil tank w/pump, Myers snow plow pump, 2 small bed truck toppers, 8'x16' shed, Magnavox big screen TV- like new, Whirlpool elect stove- like new, Whirlpool no-frost refrig/freezer, bar stools, JC Penny microwave- nice, sofabed & chair set, recliner, floor polisher, Sound Sharp stereo equalizer- new, GE 13" color remote control TV, York safe, elect typewriter, Regincy 2-way radio system: 2 portables & 1 base, Sharp 7300 copier, computer desk, office chairs, filing cabinets, new lg executive desk, mahogany office cabinet, misc shop & office signs, NCR cash register, Realistic intercom system, cellular phones & much more.

AUCTIONEERS NOTE: This is only a partial listing! Many items are new or like new! Vehicles will not be sold until after 12 noon. NO INSPECTION OF TOOLS & SHOP EQUIP UNTIL DAY OF SALE!

TERMS: Cash or good & approved check. Out of state buyers must have current bank letter of credit unless known by auctioneer!

IN CASE OF INCLEMENT WEATHER, SALE WILL BE HELD INSIDE. REFRESHMENTS SERVED. NOT RESPONSIBLE FOR ACCIDENTS DAY OF SALE!

OWNERS: MIKE & MARIE LAKE
1163 Delta Rd., Red Lion, PA.
ATTORNEY: John Gailey

AUCTIONEERS: Melvin Haines
Ralph Brenneman
717-757-5130 or 717-741-1728
Lic #379L 708L
CLIP & SAVE--- ONE TIME AD ONLY!

GOODRIDGE FARM SUPPLY

COMPLETE USED INVENTORY LIQUIDATION AUCTION

TUESDAY EVE., JUNE 4

AT 5:30 P.M.
RAILROAD AVE. - ALEXANDER, N.Y.
PIG ROAST AT 4:30 P.M.

DIRECTIONS: Auction Will Be Held At The Store Railroad Ave. 1/2 Mile South Of Rt. 20 Alexander, N.Y., 10 Miles South Of Batavia, 1/2 Mile East Of Rt. 98.

NOTICE: One Of New York's Finest John Deere Dealers Is Discontinuing The Sale Of New Holland Equipment And Will Devote Full Energy To Sales And Service Of John Deere Equipment. At This Time ALL Used Machinery - New Holland, John Deere And Other Brands - Will Be Sold To The Highest Bidder.

SELLING TRACTORS: JD 4440 4 Post QR, 4040 P.S., 4230 C&A, 3020D P.S., 2640 w/Ldr, 1010 w/blade, 5010 (Nice), 4020D Side Console; MF 2135 w/Ldr.; Farmall M; IH 5288 w/Cab & Duals, 1086, 706G, 350D, 350G, 666G, *JD 300B Tractor Backhoe (A Nice One).

SKID LOADERS: NH 775, 425 & 445.

COMBINES & HEADS: *JD 7720 w/Rear Drive; Gleaner E; Gleaner F w/2 Hds.; JD 95; (2) JD 443 Hds.; JD 343 Hd.

TILLAGE: JD 2600 5x18 Plow; JD 22' Field Cult.; Glenco 7 Shank Soil Saver; (5) 12 & 15' Cultimulchers; 20' S Tine Drag; 4 Row Cult.; (3) 5x16 Reset Plow; 4x14 Plow; 8' Cultipacker; IH 16' Field Cult.; 20' Transport Drag; 20' Vibrashank; JD 900 9 Shank V Type Ripper; 3 Section Smooth Roller.

HAY TOOLS: (2) 7' 3 Pt. Sickle Mowers; (2) NH 1495 Windrowers; (2) JD 336 w/Ejector; IH 35 Rake; NH 258 Rake; New NH 144 Hay Turner; (3) NH 489 Haybines; (2) 479 Haybines; 1090 Hesston; (2) 495 Haybines; 277 NH Baler w/Thrower (Nice); JD 24T.; (5) Steel Basket Wagons On Good JD Running Gears; JD 336 Baler; NH 320 w/ Thrower; (2) Pequea Windrow Turners; 2 Flat Hay Racks; #30 & 40 JD Ejectors; JD 347 Wire; JD 348 w/Ejector (New Demo); JD 348 Wire (Used 1 Yr.); 347 Wire; JD Rake; NH 903 Windrower.

DRILLS & PLANTERS: JD 7000 4 Row Dry; 7000 4 Row Liquid; 8300 Drill; IH 510 Comb. w/ Seed; JD 7000 6 Row Liquid; 55 IH 4 Row.

HARVESTERS & HEADS: Field Queen w/3 Row & PU Hds.; NH 1890 w/3 Row & Hay Hds., 4 Wheel w/3208 Cat Power; (5) NH PU Hds.; 722 1 Row Corn Hd.; (6) 5 1/2' JD PU Hds.; (4) JD 3 Row Corn Hds.; 7' JD Hay Hd.; JD 34 Chopper; IH 881 w/3 Row & Hay, Elec. Controls; NH 782; NH 890, (2) NH 718, 717; JD 3950.

FORAGE BLOWERS & WAGONS: 4 Forage Boxes w/No Running Gear; NH 27 Blower; (4) NH 30 Blowers; JD 716A w/Tandem; Kasten 3 Btr.; (2) NH w/Tandem; Gehl 3 Btr.; Dion 3 Btr.

MANURE SPREADERS: JD 680, 450, *New Knight 716 Slinger; NI 3618 Like New; NH 520, 519, 680; NH Tank; NH 679; Martin V Spreader

MISCELLANEOUS: JD 301 Spin Spreader, New Hardi 3 Pt. Sprayer w/24' Boom; IH 2000 & 2001 Ldrs.; 3 Pt. Crop Sprayer; Brady 512 Feed Wagon; Quick Tach Ldr.; 1969 Brockway S/A Tractor w/15T. Folding Gooseneck Trlr.; JD 145 Ldr.; 18x34 & 16.9x34 Duals; Pallet Forks For Skid Ldr.; 2 JD Skid Ldrs., 10 Misc. JD Ldr. Buckets; 2 Manure Buckets; Frt. Ldr. For 318 Lawn Tractor, Old Spreader For Wood; FMC Air Blast Sprayer; Farmhand Grinder Mixer; 16' Brady Flail Mower, 4 Tandem Running Gears; (4) 8T. Running Gears; Large Supply JD Frt. & Rear Weights.

LAWN & GARDEN: Approx. 20 Used Tractor-Mowers Of Various Sizes & Brands. Sell At 5:30, Including: JD 420, JD 214, JD 111, JD S92 Rider & JD AMT 600.

TERMS: Full Payment Auction Day Or Finance With JD Credit (30% Down) You Must File Credit App. w/Dealer 2 Days Prior To Auction.

With The Exception Of 3 Items Marked *Which Sell With A Reasonable Reserve, All Items In This Auction Will Sell Absolutely To the Highest Bidder.

Waiver Finance Charge On Tractors Until 11-1-91 & Hay Tools Until 9-1-91. Also Tillage & Planting Equip. To The 1st Month Of Use. (Sept. 91 - Tillage And March 92 - Planters & Drills.)

All Items Listed Are Subject To Change Due To Daily Business. Some Items May Be Added Others Deleted.

Remember Pig Roast Starts At 4:30 P.M.!!

Owner,
GOODRIDGE FARM SUPPLY
716-591-1670
Ask For John Or Tom

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL 716-243 1563

Sale Reports

ENGART & MUSSELMAN SALE

A 3 day Public Sale of more than 1,640 lots of antique china, glassware, primitives, pottery, folk art and furniture from the collections of H.S. Engart, Sara B. Musselman and other local private collections and estates was held May 24, May 25 and May 27th. The sale was held at Horst Auction Center, Ephrata and the items were catalogued by Clarence E. Spohn. There were 280 registered bidders.

Some items sold were: flintlock rifle $1400, flintlock pistol $1300, percussion revolver $900, eagle butter print $200, iron utensil holder $650, iron sewing bird $140, 2 skater's lamps $270 & $375, tin coffee pot $550, tin candle box $500, tin cart with doll $600, tin Amos and Andy toy $750, horse-drawn grocery cart $675, Hubley refrigerator $300 and Hubley motorcycle $350.

Other prices included: blue agate butter churn $750, blue agate tea kettle $270, blue agate coffee pot $175, blue agate milk pail $195, Griswold iron sundial $320, iron coffee grinder $450, iron Santa Claus mold $325, china R.S. Prussia water pitcher $400, china tea set $325, china cracker jar $200 and china chocolate pot $375.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

NICHOLS SALE

A Public Auction of antiques and collectibles was held May 27 by Steve and Betty Nichols, between Fleetwood and Topton in Lyons, Berks Co., Pa. There were 200 registered bidders at the sale.

Some items sold were: oak S roll-top desk $2250, 2 oak sideboards $375 ea., child's baby grand piano $40, pine blanket chest $180, drop-front slant top desk $400, quilt $250 and oak bed $400.

Eugene G. Klinger Auction Service conducted the sale.

RUMMEL SALE

A Public Sale of farm machinery and butcher equipment was held May 25 by Mr. and Mrs. Orville Rummel, Blue Hill Road, Manheim Twp., York Co., Pa.

Some prices included: Oliver 8000 D tractor $3025, Farmall Super M tractor $880, Ferguson 40 tractor $1025, J.D. 4-bottom 16" trip plow $400, rotary mower $170, Ford 3 pt. 1-bottom 12" plow $175, gravity bin wagon $400, 12'x15' wire corn crib $90, 2-3-4-8- prong forks $10 to $35 each, scalding trough w/chain $85, 4 iron kettles averaged $80 each and old oak vanity & chair $400.

C.C. Miller Sons were the auctioneers.

TIBBS ESTATE SALE

A Public Auction of antiques was held May 25 for the estate of Arthur Tibbs, Conowingo, Maryland. The sale was held at Rt. 1 and Rt. 272 Nottingham, Pa. There were 161 registered bidders at the sale.

Some items sold were: pine step-back jelly cupboards $475 & $400, early 8 leg plank farm table $300, Edison phonograph $290, oak stacking bookcase $280, walnut hall seat $240, 2 Holstein door stops $240, small glass butter churn $160, Grebe radio w/cabinet $160, walnut dropleaf table $140, molding lane made by Carpenter of Lancaster $50, butt gauge by Carpenter of Lancaster $30 and 28 oak ice cream chairs $25 each.

Jeffrey E. Whiteside was the auctioneer.

PURCELL & HEMMERICH SALE

A Public Sale of real estate was held May 22 by William Purcell and Nicholas Hemmerich along Smoketown Road, Smokestown, E. Cocalico Twp., Lanc. Co., Pa.

The 10.64 acres of woodland with a cottage and sandstone spring house was sold for $100,000.

Horst Auctioneers conducted the sale.

FARMER SALE

A Public Sale of real estate was held May 21 by Marie M. Farmer, 561 Warehouse Road, Penn Township, Lanc. Co., Pa.

The 2½ story dwelling on a 99'x165' lot with a 2 story frame barn and garage was sold for $73,000.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

HERMAN ESTATE SALE

A Public Sale of real estate and household goods was held May 25 by Phoebe J. Herman estate, between Kutztown and Topton, Maxatawny Twp., Berks Co., Pa.

The 11 acre farmette with a house, barn and other outbuildings was sold for $210,000.

Other items sold included: slant front desk $2500, dry sink $800, green agate milk pail $80 and quilt $330.

Dennis F. Wagner was the auctioneer.

CONSIGNMENT AUCTION
WEDNESDAY, JUNE 5
At 5:00 P.M.
Teitsworth Auction Yard - Groveland, NY
Tractors - Farm Machinery - Lawn & Garden - Trucks Nursery Stock - Chicken Bar-B-Que Starts at 4:00 P.M

DIRECTIONS: Auction held on Barber Hill Road, 2 miles S.W. of Conesus Lake (Rt. 256) or 8 miles S.E. of Geneseo. Watch for auction arrows.

TRACTORS & COMBINE: White 2-180; JD 4020; JD 3020; IH 1066; IH 806; IH 766G w/18.4x34, sharp; IH 966D w/18.4x38, red cab; IH 560D; MF 95; Ford 4500 tractor loader; Case 1410; Farmall M; IH 706D; JD 4400 combine w/14' grain deck.

EQUIPMENT: New 1990 round bale feeder wagon; NI hay rake; NH 519 spreader; JD 830 windrower; NH 855 round baler; IH 430 baler; Gehl hi-throw recutter blower; Vermeer round baler; AC 3100 offset disc; NH 846 round baler; IH 241 round baler; Kewanee 16' disc; Deutz Allis SM70RC discbine; NH 68 baler; 3 pt. hitch backhoe; JD 8300 grain drill; Brillion cultimulcher; 60'x8" auger, like new.

CONSTRUCTION: Cat 944 wheel ldr.; Trojan 4000 ldr.; Sullair 185 CFM air compressor, nice; Franklin log skidder; 8x16 stock trlr.

TRUCKS & CARS: 1978 GMC 4x4 P.U.; 1978 Ford conversion van; 1985 Escort wagon, diesel; 1981 Chev. P.U.; 1974 Mack tractor; 1979 Freightliner; 1974 Ford F700 C&C; 1975 Ford 900 tractor.

NURSERY STOCK & TREES: Assortment of nursery stock including: azaleas; rhododendrum; ground cover; approx. 30 flowering crab trees; arborvitae; juniper; landscape groups and much more.

LAWN & GARDEN: Troybuilt tiller; JD 318, 110, 112, R92; JD AMT 600; 8 hp commercial mower; Woods 1860 diesel mower; Cub Cadet 1000; Cub Loboy 184 w/mower deck & snow blower; Cub 182; Cub Cadet 85 plus many more.

MISCELLANEOUS: King cutters; 5' finish mower; tree spade; quantity of Morton horse stalls.

TERMS: Full settlement night of auction. Cash or good check.

Equipment listed here is subject to consignor delivery. Consignments accepted 8:00 A.M. - 5:30 P.M. No junk or tires accepted. We may sell 2 auction rows at once for part of the evening. APPROX. AUCTION SCHEDULE: 4:00 P.M. - Chicken Bar-B-Que; 5:00 P.M. - Machinery & Tools; 6:00 P.M. - Pickups & Cars; 6:45 P.M. - Lawn tractors; 7:15 P.M. - Farm tractors & machinery.

ROY TEITSWORTH, INC.
SALES MANAGER & AUCTIONEER
6502 Barber Hill Rd.
Geneseo, NY 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL 716 243 1563

PUBLIC SALE
OF VALUABLE 31.4 ACRE FARM
OF THE HARRY S. DEHOFF ESTATE
SATURDAY, JUNE 15, 1991
AT 1:00 P.M.

LOCATION: Along Lewisberry Rd. In Conewago Twp., York Co., PA. From I-83 Exit #11 (Emigsville Exit) Take Rt. #238 West (Church Rd.) To Stop Sign & Turn Right. Follow Rt. #295 North (Susquehanna Trail) To Canal Rd. & Turn Left. Proceed Approx. 1 Mi. To Lewisberry Rd. & Turn Right. Proceed Approx. 1 Mi. To Sale Site. Follow Signs!

1:00 P.M. REAL ESTATE 1:00 P.M.

This attractive approx. 31.4 acre farm is situated in Conewago Twp. Northeastern sch. dist., & has approx. 25 tillable acres. Conveniently located just minutes from I-83 with approx. ½ mi. road frontage along Lewisberry & Butter Rds. Building lot rites possible upon meeting twp. specifications. Property is zoned agricultural & is in Clean & Green. Utility right-of-way running thru property. The eye-catching 2½ -story old stone farmhouse w/tin roof sits adjacent to a later addition 2-story frame summer house. The stone house consists of 3 BR upstairs, 3 rooms (1 large & 2 smaller) downstairs & a ground cellar. All rooms have deep window sills. The summer house contains a full bath w/shower only & 1 BR upstairs, kitchen downstairs, cement basement, oil furnace, hot water-baseboard heat. 2 wells- 1 drilled & 1 hand-dug. Septic tank. Outbuildings include an efficient 50'x40' large fully-cemented barn w/large cement block feed trough & w/attached 34'x16' 3-bay garage. A 32'x22' 3-car cement block garage w/cement floor. A round cement-floor corn crib & a small milkhouse. Property will be sold as is & is recorded in York Co. Courthouse Deed Book 58Q pg 376.

Inspection of property by appt. only call 717-764-4166 or call auctioneer at 717-757-5130.

TERMS: $10,000.00 down day of sale in cash or certified check only, with balance due in 90 days. Out of state buyers must have current bank letter of credit unless known by auctioneer!

AUCTIONEER'S NOTE: An excellent average-size farm for cattle or horses in a nice farming community. Must see to appreciate! Call today!

OWNER:
DELLA DEHOFF
Dover, PA

AUCTIONEERS: Melvin Haines
Ralph Brenneman
717-757-5130 or
717-741-1728
LIC #379L 708L

ATTORNEY: John M. Garber
Not Responsible For Accidents
Day Of Sale!
CLIP & SAVE!

PUBLIC AUCTION
TRUCKS - TRAILERS - 4x4 PARTS
METAL LATHES - WELDERS - TOOLS
LUMBER - FENCING
Saturday, June 8, 1991 9:00 A.M.

Located: Take Rte. 125 North through Pine Grove, PA to Sweet Arrow Lake Rd. (Daubert's Distributors) turn East and proceed to Mountain Rd. Turn left, proceed 1½ miles to auction on left. (Follow Spatz Hydraulic signs, and auction signs sale day.)

VEHICLES: 1986 Chevy C-10 pickup w/dump V-6 AT 50,000 miles, 1973 International ¾ ton w/service body, 1973 Chevy C-10 w/service body, 1980 Fairmont wagon 4 cyl. 4 spd., 1990 Harley Davidson Sportster 1200 cc, 750 miles, 1977 International 4300 Conv. 36" sleeper, 350 Cummins 210,000 major, 12,515 OD, 410 rears 11:22.5 rubber. '78 Jeep J-20 Pickup, 4x4, 360, 4 spd., good cond. '68 Ford F-100, 352, 3 spd. w/ service body.

TRAILERS: Dorsey 40' flat 9'2" spread, 16' car trailer, 12' tandem axle trailer.

TRUCK PARTS: International 4x4 parts, 1968 Chevy C-20 4x4 truck parts, 8' service body, steel service cap (fits sm. truck), Willy's and GM transmissions, KENWORTH air ride (gd. condition), steer axle, trailer axle, mobile home axles, and other asst. car and truck parts.

SHOP TOOLS: American metal lathe 14" swing 36" between center w/ tooling, Boye & Emmes metal lathe 18" swing 18' between centers, Snap-On YA—212 mig welder (like new), Systematic 200 mig welder, 2 Lincoln 225 amp arc welders, Lincoln portable AC/DC WELDANPOWER, Airco and Craftsman cutting torch sets, metal band saw, electric hacksaw, 16 spd. drill press, Sunnen hone, valve grinding machine, ½ " ¾ " 1" drive air impact wrenches, Snap-On meters: MT460 tach, MT-417 secondary tach, MT-431 analyzer, MT-406 volt-ohm, Graham coil and condenser tester, Snap-On wheel balancer. JACKS: 1½ -30 ton cap. hand jacks, 4 Walker 2-4 ton floor jacks, Hein-Werner 1¼ ton floor jack, Milwaukee transmission jack, Blackhawk hyd. bumper jack, Walker 1½ ton air bumper jack, Standard 1 ton engine crane, 30 ton hydraulic press, 2 Multiton pallet jacks, Lift-Rite 1500 lb. cap. pallet stacker, porto-power pumps and rams, dozer frame machine, jack stands, WELDBILT pallet jack & 60 steel foundry pallets, brake bleeder, 1½ ton chain hoist (new), air cable hoist 400 lb. cap., pipe vise, Karcher shop vac, steel benches, steel shelving, barrel stove kit, air and hydraulic cylinders and pumps, asst. hand tools and related parts.

CONTRACTOR TOOLS: Ground Hog post hole digger with augers, ½ yd. gas powered cement mixer, Huskie & Stihl chainsaws, wheelbarrow, 40' aluminum ext. ladder, wooden ladders, shovels, rakes, Milwaukee hammer drill, Sawzall, ¼ ' and ⅜ " drills, 4" grinders, B & D ½ " electric impact, weedeater, DIXON 42" lawnmower, DIXON 30" lawnmower w/catcher (new), 5 hp. rototiller, B & S 5 hp. engine w/6-1 reduction.

FENCE & BUILDING MATERIALS: New split rail posts and gates, picket fence, rolled wire, asst. treated and regular lumber.

AUCTIONEER'S NOTE: Due to changing business needs, Spatz Hydraulics has the above items for sale. Spatz Hydraulics is an on-going business and will continue to serve you. Most items are in good working order, and are in use daily. Not responsible for accidents. Food available.

TERMS: Cash, Check if known by auctioneer or owner, or with bank letter of credit.

Selling for:
SPATZ HYDRAULICS CO.
(717) 345-4020
Robert W. Derfler, Auctioneer
AU 2682-L
Pine Grove, PA (717) 345-3359

Sale Reports

WEST PENN SAW MILL SALE

A Public Auction of saw mill equipment and farm machinery was held May 25 by the West Penn Saw Mill, Route 1, Andreas, Pa.

Some prices received were: Emiston's portable hydraulic sawmill $16,400, green chain $4400, edger $3300, cartridge (rolls) $600, diesel engine $3300, cleaver $350, shredder $1800, Ford S250 truck $6000, Ford pickups $4000 & $9000, Ford 1910 D tractor $5600, log splitter $1175, corn planter $290, log splitter $400, plow $250, disc $370, Ford 7000 D tractor $5200 and live deck $2200.

Robert A. Arner was the auctioneer.

GRAYBILL SALE

A Public Sale of real estate was held May 20 by Curtis S. and Betty J. Graybill, 377 S. Belmont Road, Paradise, Pa.

The 5 acres of land with no buildings was sold for $87,000.

Ron Funk and Gordon Ressler were the auctioneers.

FERRELL SALE

A Public Auction of real estate and farm machinery was held May 25 by Catherine Ferrell, off Route 220 Dushore, Forks Twp., Sullivan Co., Pa. There were 350 registered for the sale held on a day with nice weather.

The #1 parcel with 76.93 acres of open and wooded land bordering Black Creek with a 2 story house, barn and outbuildings was sold for $105,000.

The #2 parcel with 30.66 acres of open and wooded land with a barn was sold for $35,000.

The #3 parcel of 41.43 acres with a 2 story barn, road frontage on Twp. Rd. 429 and borders Black Creek was sold for $51,000.

The #4 parcel with 30.22 acres of open and wooded land and a deep spring feed pond was sold for $47,000.

Other items sold were: Ford 8N tractor $1950, Ferguson 30 3 pt. tractor $1500, little Farmall A tractor $1050, McCormick corn binder $400, reaper $120, Papec blower $160, iron wheel wagon $110, 2-B plows $190. 2 hay wagons $175 & $225, hay elevator $500, hay rake $275 and violin $115.

Jerry Burke was the auctioneer.

Public Auction Register

JUNE

SAT JUN 1 and SUN JUN 2, Antiques Engine Tractor and Farm Toy Show, Kempton, PA Community Center, Intersection of PA Rts 143 & 737, Sponsored by The Antique Engein Tractor and Toy Club, Inc

SAT. JUN. 1 - 8:30AM, Consignment Machinery Auction, located Cohocton, NY, Sponsored by Pirrung Auctioneers, Inc., Wayland, NY

SAT JUN 1 - 8:30AM, Antiques, Collectibles, Tractor, Farm Machinery, Plumbers Tools, Equip. & Supplies, located 2 mi N of Northumberland, PA on Rt 147, turn at Stuck Bros Appliance onto Lahr Rd to site, Ethelene E Troup, owner, Mark J Jones, Auct

AUCTION
SATURDAY, JUNE 15, 1991
12:00 Noon

NEED AN EXCUSE TO GO TO THE MOUNTAINS? WE'VE CLEANED OUT THE ATTIC! EVERYTHING's GOING.

LOCATION: Watrous, Pa. In Tioga County near Gaines and Galeton. Turn off Rt. 6 at Bailey's Excavating. Watch for signs.

GOODS: Old cast iron skillets; Old doll, cupboards, old tools, misc. dishes & knick-knacks, hand embroidered bureau scarves & doilies, old tie type corsettes in original boxes, old ladies' & men's hats, army paraphernalia, cameras, hand made afghans, old quilts, bureaus, lots of woven rugs, Vietnamese vases, old records, books, pots & pans, wardrobe, assorted lamps, glassware, old post cards, old tins and much more.

Auction by:

Fernwood Auction Co. AY43L

Complete Auction Service Serving All of PA

Agents for sellers
Auctioneers:
James McClellan AU2831L
James McClellan, Jr. AU2717L
Call for information: 717-933-8264 or 717-933-4201

AUCTION:

Owner Retiring due to poor health

APPLE & PEACH ORCHARDS
KENNEDYVILLE, MARYLAND

(10 miles North of Chestertown,MD) on Maryland's Eastern Shore

TUESDAY, JUNE 18 at 12 NOON

Sale to take place at corner of Rts. 213 and 298, Kennedyville (Kent Co.), MD

Well established, 6-year-old Apple and Peach orchards on 18± acres of land on Maryland's Famous Eastern Shore. Includes 900 Peach Trees (10 varieties) and 100 Apple Trees (Red Chief and Winesap). Trimmed and sprayed weekly. Storage sheds, produce market and home also available for sale!

OWNER FINANCING AVAILABLE ! !

2% BROKER PARTICIPATION

For complete Terms of Sale, detailed Information Packet or to Inspect the property, contact Auctioneer at (800) 722-3334

Michael Fox Auctioneers, inc.
Executive Offices 3835 Naylors La
Baltimore, Maryland 21208
(301) 653-4000 • (800) 722-3334 FAX (301) 653-4069

• AUCTION •

EDITH PEARL BENNINGER AUCTION

ANTIQUES, HOUSEHOLD, VEHICLES, GUNS, CAR MEMORBILIA

Sat., June 8, 1991 - 9:00 A.M.

Located Rt. 29, Dimock, Pa.
Between Montrose & Tunkhannock, Susquehanna Co.

ANTIQUES: Curved glass oak china cabinet, Depression DR suite- table, 6 chairs, sideboard, buffet; 7 pc. Depression BR suite- 2 twin beds, 5 dr. chest, 3 dr. chest/mirror, vanity/mirror, nite stand & stool; walnut gate leg table, early Windsor style rocker, 1 dr. cherry stand, cherry washstand, pine Jenny Lind bed, cedar chest, mahog. 9 dr. kneehole desk, 4 dr. oak chest, pine washstand, Norm Sterling stereo cabinet, child's cedar chest, oak music stand, stenciled Boston rocker, early tool chest, wing chair, OG mirrors, prints & frames, 1930 cig. machine, baby carriage, child's roll top desk & chair, 4 child's rockers, school seat sample, collection inlaid boxes, bottles, 1835 Shoemaker's ledger- Gere Brooklyn, Pa., Blue flower design jug, 1938 B&H movie projector, wood work from early 1900's, art deco lamps, Rayo, Opalescent, & oil lamps, brass floor lamps, GWW lamp, brass umbrella holder, Scotty door stop, Cuckoo & mantle clocks, log cabin & hand stitched quilts, sheet music, wooden ware, stoneware- slip decorated crock.

TOYS: Tin trucks & cars, plus other tin toys, Mickey Mouse drums & wooden items, Jet roller coaster, Buck Rogers pistol, puzzles, games, compo & celluloid dolls.

HUMMELS: The Lost Sheep, Goose Girl, Little Gardener, Soloist, Little Shopper.

GUNS: Remington 22 pump w/peep sight & scope, Browning, Belgium 12 ga. over/under, ribbed sight, fancy Franchi 20 ga. semi auto, vertical ribbed- excellent shape.

HOUSEHOLD: New hotpoint side/side ref. freezer w/ice maker, water dispenser, Hotpoint auto HD washer/dryer, Hotpoint microwave, Sylvania console color TV, couch, new lift chair, recliners & lounge chairs, maple bench, maple stenciled rocker, leather top tables, Fisher stereo, new Electrolux sweeper, gas B.B. grill, JD rubber tired lawn cart, anvil.

GLASSWARE: Continental Ivory china-serv. 12, candlewick, Englishware, depression, carnival, amethyst, cranbury pickle caster, Fostoria, Fiestaware, Carnival, Victorian Porcelain, lg. qty. pressed & pattern.

VEHICLES: 1988 Nova CL - 4 dr., air, auto., p.s., stereo, 10,000 original miles; 1949 Packard- near mint to original condition, 38,000 miles; 1957 Desoto Firedome- 57,000 miles- Hemi.

*****SPECIAL ITEMS:** 1933 Buick peddle car built by R.J. bush Shuman Buick, advertising signs include lg. Porcelain 1938 Cadillac sign, Crystal Club beverage, 1930 Greyhound, 1936 Fountain Coca-Cola sign, 1907 license plate, 1858 wall map of Susq. Co., 1950 Gilbert Erector set.

CAR MEMORBILIA: Car magazines late 40's to 70's, Franklin mint set ant. car 1901-1925 & 1950, 1964 Chev. goblet award set, 1950 club magazines, auto brochures & much more.

Terms: Cash

OWNER:
EDITH PEARL BENNINGER
ERNEST "SKEET" BENNINGER P.O.A.

SHAMROCK AUCTION SERVICE
AUCTIONEER:

JERRY BURKE AU-116
CAI, NAA, PAA, NYA
1-717-833-5913
Lunch Tents

SPORTSMEN'S AUCTION

June 7, 1991 Time: 5:30 P.M.
Location: New Bloomfield VFW, Perry County, PA.

TRAPS - Collectibles and Users

Traps include· Newhouse; Blake & Lamb, Victor, Sargent; Killers; Hawley & Norton, Helfrich; Kleflock, mouse & rat traps; 3- bear traps; 1- handmade, large traps w/teeth; one large man trap; and many users, 1- Newhouse Bear trap w/teeth, Onieda Community, also Triumph traps, odd mouse & rat traps

GUNS - 32 CHANDLER BOOKS

Win Mod 36 9mm Shotgun; Win. Canadian Centennial (NIB); Winchester 42, 410 pump, 3" chamber, (mint), old 10 gauge Winchester cannon, Ithaca 16, Model 37R, w/rib, Bicentennial Ithaca Model 37 featherlight, w/hard case, belt buckle, never fired (mint), 6 5 Jap , Springfield 22 bolt action, Hopkin & Allen, junior 22, Marlin Model 56 lever action 22 Rem. Model 12 pump; Stevens favorite 32 rimfire, CO2 pellet gun; 2-Daisy BB guns, Chandler books include; *Shatto; Gun of Joseph Smith; Arms Makers of Eastern PA, Alaskan Hunter; Red Chuggers Hunt, (1 of 50); Patchboxes; Homes, Barns, & Outbuildings; Ted's Story; Fort Robinson* and More Edward Maynard Rifle.

KNIVES - SPORTING COLLECTIBLES

Knives include. Case; Remington; Marbles; Puma, Ka-Bar; Buck; L L Bean; Schrade; custom knives, (many w/stag handles); early 1900's trapping catalogues; Winchester & Remington items; Calendars, Posters; 1952 Postcards; fishing equipment; rods, ammo., bear rug; deer mounts; Jennings Compound Bow; Keen Kutter items, 1982 Rem. bullet knife, Hawbaker trapping items.

MISCELLANEOUS GOODS

Cast iron stag door stop, cast iron plaque, antique ashtray stand; wooden keg; old tools; some pelts, old wooden bear pull toy; crocks; jugs; metal banks, metal backhoe; old pictures; heavy duty floor jack, snowshoes; and many more items not mentioned.

Auctioneer's Note: There is a fine variety of sporting goods being offered. Please plan to attend.

Terms: Cash, approved check. I.D. required for bidders number. No out of state checks.
Steven P. Negley, Auctioneer
AU-002686-L Phone: (717) 536-3382
Michael Zeck, Apprentice Auctioneer
AA-001978-L

Not responsible for accidents

PUBLIC SALE
FARM TRACTOR, FARM IMPLEMENTS, TOOLS, HOUSEHOLD GOODS, FURNITURE, ETC.
THURSDAY EVENING, JUNE 6, 1991
Time: 4:30 P.M. Sharp

1748 Mapledale Road, Elizabethtown, PA. Off of 283 take 743 N. (Elizabethtown Road) turn right on to Valley Road, approximately 1 mile turn left on to Mapledale Road, 3/10 mile to sale. Signs posted.

Ford 8N red belly tractor, good tires, 3 pt. good shape; 3 pt. sickle bar; cultivator; two bottom plow; gang disc; 7 ft. split field roller; harrow; bob wire; block & tackle w/single tree; cow tie chains; wd. double ladder; wd. utility trailer; hog troughs; crates; corn chucker; wedges; digging iron; wheelbarrow; pitch fork; sledge hammer; picks; two man saw; square tub; feed bags; stepladder; gas tank w/pump; utility dump trailer; mower; jumper cables; Craftsman socket set; hinges; fishing poles; 50 ft. tape; nuts; bolts; screws; Black & Decker jig saw; files; grill; Black & Decker power saw; hand saws; level; sawblades; apple peeler; hammers; pliers; trimmers; washtubs; oil; antifreeze; clamps; hand cultivator; hand reamer; piping; air compressor; tires; motors; seeder; scales; chain saws; shovels; irons; baskets; hose; pans; kettles; pressure cooker; dishes; skillets; jars; oil light base; ironing board; oil light; bench; victrola case; almanacs; chest freezer; radio; suitcases; hunting suit; binoculars; gun rack; gun cases; wd. chairs; kitchen chairs; box lots; metal cabinets; pocket watches; silver coins; Walnut stand; Oak Bow front China closet; Oak washstand (painted blue); chifferobe. NOTE: only a partial listing, more of everything. Sale starts at 4:30 P.M. Sharp.

Terms: Cash, traveler checks or approved checks. Refreshments by Shenks Community Church. Not responsible for accidents.

MAE SEE, Owner
Hardy Auction Service
Doug and Vickie
Phone 717-432-3779
Lic. #AU-002795-L, #AU-002796-L

PUBLIC AUCTION

Farm Machinery, Vehicles, Household Goods, Small Items, Etc.

(Owners sold farm-makes sale necessary) on farm 2½ miles E. of Elimsport, Pa. off Rt. 44 10 miles S of Williamsport, arrows form Elimsport.

Sat., June 8

Starting 9:30 AM

TRACTORS, TRAILERS, VEHICLES,, ETC.

(Everything real nice)

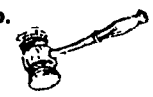
Farmall 460 tractor-fast hitch; Ford TO-20 tractor-super; 62 Chevy 60 10' dump truck, nice; Ford 1000 C/C-just rebuilt; 52 R160 flatbed truck-road ready; 62 Chevy Econvan; 76 Chevy fleetside pickup; Miller 16 ton tag along tilt trailer, dual tandems; 2 horse trailer; Yamaha 125 trail bike; **Rail Race Car** - 6 cyl. engine, on trailer; New Moon 12x40' mobile home converted to office; **MACHINERY:** Ontario 13-8 hoe drill; Schoes-sow 20' feeder wagon; IH 100 mower; NH 275 baler w/thrower, all new pieces to rebuild; Ford 535 haybine; IH U264 ind. power unit; Gehl hay head; MH 8 hay loader; Papec ensilage cutter; JD horse mower; 30' grain auger on wheels; IH 33 loader; JD 60H blower; 21' harrow; 10' poly feeder; Jamesway 12/ silo unloader; hay racks; round bale feeders; buzz saw; 20T dump hoist; lots lots more from sheds not listed. 35 Red laying hens; quantity of chicken feeders, nests, waterers, etc.; Single seat buggy w/top, US mail buggy for Montgomery; Wheel Horse 1056 riding mower-40" cut; Wizard riding mower; several push mowers; some house items include: 2 refrigerators; gas stove; apartment size washer; auto washer; 6 pc. cutting board top dinette set; microwave stand; beds; stereo; lots of other smalls; etc. etc.

Auct. Note: Mr. Luckenbill likes things clean & fixed, many pieces just rebuilt. Lots lots more from the sheds not listed.

Owners,

JAMES "WHITEY" & HELEN LUCKENBILL

Conducted by Fraley Auction Co.
RD 4 Muncy, Pa. RY71L
(717) 546-6907



Lunch Available

PUBLIC SALE

SAT., JUNE 8,

9:00 A.M.

To be held at the Roush residence located between Garman's Funeral Home and Emmanuel U.M. Church, Mt. Pleasant Mills, PA. 5 miles south of Middleburg or 12 miles west of Selinsgrove along Rt. 35.

SELLING VALUABLE PERSONAL PROPERTY

HOUSEHOLD FURNISHINGS

G.E. 17.2 Cu. Ft. Refrigerator w/Large Freezer; Kenmore Humidifier; Necchi Sewing Machine in Cabinet; 9000 & 22,000 Kerosun Heaters; 36x36 Formica Top Table; 42" Maple Hutch w/Open Top w/1 Door; Lined Oak Desk & Chair; Davano Couch; Lazy Boy Recliner; Upholstered Chair w/Ottoman; Octagon End Tables; Pair of Table Lamps w/ Milkglass Bases w/Grape Design; Maple 2 Piece Bedroom Suite w/His & Hers Dresser; Box Spring & Mattress; Bedding; Afghans; Ironing Board; 12 Piece Thermalloy S.S. Cookware Set; Miscellaneous Stainless Steel Pans; Misc. Cookware, Small Kitchen Appliances; Pfaltzgraff China Set, service for 8; Plus:

GUNS AND CABINET

Solid Maple 6 Gun Cabinet w/Bottom Storage; Winchester Model 94 Lever Action 30-30 Cal. (very nice); Springfield Model 86 Bolt Action Repeater 22 Cal; Miscellaneous Ammo.

BUTCHER EQUIPMENT

2 Gal. Lard Press; #22 Enterprize Grinder w/Motor (new); Metal Meat Smoker (24 hr.); Meat Saw; Cleaver; Knives; Meat Hooks, Etc.

ANTIQUES AND COLLECTIBLES

4 Blanket Chests; 7 Quilts including Butterfly Applique; Misc. Homemade Doilies; 2 qt. to 8 gal. Crocks, some signed; plus Primitives; Advertising Items (some local; Snyder Co. History by Dunkleberger.

Glassware includes Amber Carnival Pitcher & 6 Tumblers; Coal oil Lamps; much Glassware; Shirley Temple Bowl; Misc Tools.

THIS WILL BE A NEAT SALE WITH A GOOD VARIETY OF ITEMS ALL IN GOOD CONDITION. LOTS OF PARKING IN CHURCH LOT
• GUNS AT 1:00 P.M.

TERMS: Cash or PA Check Sale Day — Job Johnnie
Provide I D. for Buyers Number — Lunch

OWNERS: Harold and Elsie Roush
(717) 539-2526

EARL W. EASH, AUCTIONEER
AU-0244L • (717) 966-2569

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JUN. 1, Heifer Sale, located New Holland Sales Stabels, New Holland, PA, Stonehurst Farms, owners

SAT. JUN. 1 - 8:30AM, Antiques, Collectibles, Collection of Wood Working Tools, Collection of Blacksmith Tools, Bee Equip., HH Furnishings, Butchering Equip , Lawn, Garden and Hand Tools & Misc , held at Wrights Cabinet Shop, located along the Mountain Rd., New Berlin, PA, 6 mi W of Winfield on 304 or about 60 mi. N. of Harrisburg, Mrs Evaline (Bill) Wright, owner, Earl W. Eash, Auct

SAT. JUN. 1 - 9AM, RE-17 Acre Hog or Horse Farm, Farm, Equip. and Tools, located 864 Orchard Rd., Manheim, PA, Reba Snyder, owner, Paul E. Martin Auction Service, Aucts.

SAT. JUN. 1 - 9AM, Tractors, Farm Equip., Riding Mower, Cars, 3-Wheeler, Woodworking & other Tools, Antiques, HH Goods & Misc., located from Red Lion take Rt 74 S appro 3 mi. to sale site on left at 1203 Delta Rd., Estate Clair W. Krewson, Melvin Haines and Ralph Brenneman, Aucts

ABSOLUTE AUCTION

REPOSSESSED & OFF LEASE VEHICLES

SATURDAY, JUNE 8, 1991 AT 11:00 A.M.

KEYSTONE PUBLIC AUTO EXCHANGE,
RT. 22/322, BETWEEN DAUPHIN & CLARKS FERRY BRIDGE

1991 Geo Storm, 4 cyl., 5 spd, air, green, 12,800 (m); 1991 Chevy S-10 truck, 4 cyl., 5 spd, red, 21,190 (m); 1990 Pontiac Sunbird LE, cpe; 1990 Suzuki Sidekick, 4x4, conv.; 1990 Ford Festiva; 1990 Nissan Sentra, cpe; 1990 Pontiac Sunbird LE, 5 spd, air, burgandy, 16,815 (m); 1990 Ford Mustang GT, at, air, pw, blue, 23,030 (m); 1990 Chevy Cavalier, cpe, 5 spd, air, red, 17,063 (m); 1990 Chevy Beretta, 4 cyl, ps, pb, 5 spd, gray, 28,112 (m); 1990 Ford Festiva L Plus, QT, red, 24,612 (m); 1990 Chevy S-10 Tahoe, 4x4, at, air, ps, blue, 22,744 (m); 1990 Chevy S-10 Tahoe, 4x4, at, ps, air, white/red, 26,104 (m); 1989 Ford Aerostar XLT, at, ps, pb, air, 20,440 (m); 1989 Ford Aerostar, at, ps, pb, air, 6 cyl, 17,004 (m); 1989 Pontiac Lemans GSE cpe, 5 spd, 20,400 (m); 1989 Ford Probe GT, 5 spd, air, black, 38,261 (m); 1989 Pontiac Grand Am SE, at, air, red, 30,275 (m); 1989 Dodge Indian Creek Conv Van, 29,452 (m); 1989 Honda Civic DX, 5 spd, air, blue, 32,536 (m); 1989 Pontiac Firebird, at, 6 cyl, air, (minor damage); 1989 Ford Probe GL, at, 4 cyl, air, black, 27,504 (m); 1989 Nissan Maxima SE, at, air, white, 31,697 (m); 1989 Ford Thunderbird, 6 cyl, ps, pb, air, 25,581 (m); 1989 Plymouth Voyager LE, loaded, blue, 34,191 (m); 1989 Ford F150 Custom, 6 cyl, 5 spd, 26,574 (m); 1989 Ford F150 XLT Lariat, 4x4, 8 cyl, brown, 37,953 (m); 1989 Chevy Cavalier; 1989 Nissan Sentra, coupe; 1989 Buick Regal; 1989 Dodge Caravan; 1989 Ford Ranger truck, ps, pb; 1988 GMC 4x4 pick-up truck; 1988 Chevy S-10 pick-up truck; 1988 Chevy Corsica LT, sedan; 1988 Ford Ranger XLT, 4x4, 5 spd, white/blue; 1988 Chevy S-10 Blazer, loaded, 82,630 (m); 1988 Ford Thunderbird, turbo, 5 spd, black, (minor damage); 1988 Chevy S-10 Tahoe Blazer, at, air, 52,052 (m); 1988 Chevy Monte Carlo, 6 cyl, at, air, gold, 27,358 (m); 1988 Hyundai GLS, sedan, 5 spd, sunroof, 22,148 (m); 1988 Subaru GL, at, ps, pb, air; 1988 Ford F150 with cap.; 1988 Chevy S-10 pick-up truck; 1988 Mercury Topaz LTS, sedan, blue, 39,187 (m); 1987 Dodge Dakota pick-up truck, 5 spd.; 1987 Dodge Ram Charger, wagon, 4x4, 61,794 (m); 1990 Mazda Protege SE, 5 spd., ps, pb; 1988 Chev. S-10 4x4 P.U.; 1988 Chrysler 5th Ave.; 1987 Buick Somerset; 1986 Nissan 300 ZX Turbo Cp., 70,802 (m); 1986 Ford Mustang, loaded, sun roof; 1986 Ford Escort, ps, pb, stereo-cassette; 1986 Buick Riviera, 6 cyl, at, air, white, 65,116 (m); 1986 Toyota Celica, 5 spd, air, (body damage); 1986 Nissan Pick-up, 5 spd.; 1986 Buick LeSabre SW, loaded, 62,187 (m); 1986 Ford Bronco II; 1986 Nissan Sentra; 1986 Pontiac 6000 SE, loaded; 1985 Audi 5000S, Beige, 62,999 (m); 1985 Dodge 600, at, ac, blue, 43,158 (m); 1985 Chev. S-10 Blazer Tahoe, at, ac, brown; 1984 Cadillac Sedan Deville; 1984 Olds Fierenza, 4 cyl, at, 76,145 (m); 1984 Buick LeSabre LTD Cp, blue; 1984 Ford F150 4x4 Pick-up, 6 cyl, 93,361 (m); 1983 Subaru GL SW; 1983 Dodge 600, ac, at, ps, pb; 1982 Lincoln Continental, loaded; 1982 Pontiac Firebird; 1980 Jeep CJ-7.

*****APPROX. 20 OR MORE ABSOLUTE UNITS SHOULD BE READY FOR SALE*****

ALL VEHICLES LISTED ABOVE SOLD "AS IS" TO THE HIGHEST BIDDER REGARDLESS OF PRICE!! TERMS: PUBLIC BUYERS - CASH DEPOSIT OF $500.00 PLUS ADDITIONAL 25% OF THE PURCHASE PRICE IN CASH ON THE DAY OF AUCTION, BALANCE DUE THE NEXT BUSINESS DAY - IN CASH ONLY!! NO EXCEPTIONS!! DEALER CHECKS ACCEPTED. Temp. tags w/proof of insur. Title work/notary on premises. Plenty of parking and food. Call: 717-921-2200 for consignment info.

Note: The following vehicles will be offered with the right to accept or reject bid:

1990 Nissan Pick-up; 1989 Lincoln Continental; 1989 Olds Cutlass Cierra; 1989 Ford F350 Ext. Cab P.U.; 1989 Mercury Cougar XR7; 1989 Toyota MR2; 1989 Ford F150 P.U.; 1988 Ford F250 Ext. Cab; 1988 Ford Thunderbird Turbo; 1988 Olds. Cutlass Supreme; 1988 Lincoln Town-Car; 1988 Chev. Dump Truck; 1988 Chrysler LeBaron; 1988 GMC Safari; 1988 Chev. Nova; 1987 Pontiac Grand Am; 1987 Olds Cutlass Cierra; 1987 Ford Taurus; 1987 Olds Cutlass Cierra; 1987 Ford Tempo; 1987 Dodge Caravan; 1987 Chev. Conv. Van; 1987 Honda Accord; 1987 Honda Accura; 1986 Ford Thunderbird; 1986 Renault Alliance; 1984 Nissan 300ZX.

*****APPROX. 30 LATE MODEL G.M. UNITS WILL BE OFFERED BY GMAC WITH THE RIGHT TO ACCEPT OR REJECT THE BID*****

*****ALSO: APPROX. 150 DEALER AND PUBLIC VEHICLES WILL BE OFFERED FOR SALE*****

IF YOU WISH TO SELL A VEHICLE, CALL NOW FOR INFO: 717-921-2200.

PLEASE NOTE: CHILDREN UNDER 16 YRS. OF AGE WILL NOT BE ADMITTED UNDER ANY CIRCUMSTANCES!!

ALG, HAMILTON/CORESTATES, GMAC, BANK OF PA, BUCKS COUNTY BANK, MELLON/COMMONWEALTH, DAUPHIN DEPOSIT, FIRST NATIONAL TRUST BANK, FIRST VALLEY BANK, LEHIGH VALLEY BANK, PA NATIONAL BANK, PFCU, PSECU, STATE FARM, DAFCU, FRANKLIN FIRST.

KEYSTONE PUBLIC AUTO EXCHANGE
KPAE
A Division of Kerry Pae Auctioneers
1111 Rt. 22-322
Dauphin, Pennsylvania 17018
717-921-2200
AU-0001057-L

PUBLIC AUCTION

Haymaker Special Consignment Sale

to be held at our farm 3 miles E of Muncy, Pa. along Kepner Hill Road. Auction arrows at Junctions of Rts. 442 & 405.

WEDS. EVE., JUNE 5

Starting 6 PM

Already consigned complete line from Bill Peterman.

TRACTORS: IH 856D; 450 w/305 picker, 12 roll bed & sheller; 460D w/2 pth; JD 3020G wfe, dual hyds, 16.9-38 rubber-clean w/46 loader; 41 JD B-super; Ford 9N; 1700 4WD w/loader-1000 hrs.; NH 250 skid loader-ROPS 2 buckets, new; AC Gleaner E SP combine 13' floating head; IH 82 7' pull combine sharp; **HAYBINES:** NH 1495 SP, cab, air, nice; NH 492 9' never used; 489; 479; NI 7' cut-ditioner; OMC 235 12' hydro-swing; IH 100 balanced head 7' bar mower-2 pth;

BALERS: NH 315 w/70 thrower; JD 336 w/ thrower; JD 346 wire tie w/ejector; MM T-160 w/thrower; MF #12 w/thrower;

CHOPPERS: NH 770 w/open end head; NH Super 717 w/PU-clean; NH 36.

RAKES-TEDDERS-WAGONS: NH 256-used 10 acres; NH 55; Grimm hay tedder; 16' thrower rack; JD 214 & 216 SU wagons; 2 Parker gravity bins; hyd dump wagon; OTHER MACHINERY: JD 4-16" semi plows; JD 1240 4 row plateless corn planter-bug boxes; Oliver 252 12' transport disc; McCurdy 40' elevator-power lift; 26' elevator; drag elevator; 16' alum. elevator; Case 2 man post hole digger; 3 pth 85 gal. sprayer; 125 gal. sprayer; Polaris 250RES 4 wheeler; 2 horse gooseneck trailer; etc, etc.

Auct. Note: Only expecting 100 pcs. for this sale. Call now to be assured of a spot. No small items for this sale. Receiving dates Mon, June 3 & Tues., June 4.

Conducted by FRALEY AUCTION CO.
RD 4, Muncy, PA RY71L (717) 546-6907

Public Auction

Sat., June 8, 1991

At: 10:00 A.M.

Location:

Take Rt. 82 North of 322 to Rt. 345 & follow to sale or off Rt. 23 take 345 South & follow to sale.

Personal Property

Sideboard w/marble top & mirror back spindle gallery; piano stool w/glass ball & claw ft.; wooden base cabinets; treadle sewing machine; 9 pc. depres. dinign rm. suite; dresser bases; maple desks & round table; oak wall mirror; early chest w/bonnet box; many style chairs & rockers; bamboo book stand; washstand; table top show case; sofa bed; trunks; lamps; cribs; books; fans; 13" portable color TV; scanner; many box lots inc. miscellaneous dishes & canning jars; 4 cy. Wisconsin gas engine; the John Lawson 1½ H.P. 1 cyl. motor; Murray self-propelled mower; N.H. Model 68 P.T.O. baler; horse drawn scoop; hay tedder; flatbed wagon; buck saws & blades; hand tools; horse shoeing box & tools; anvil; old feed box; 300 gal. gas tank w/pump; old footed bathtub; lots scrap metal; tow chains; express wagon; hand pedal wet stone; many other items too numerous to mention.

Terms:

Cash or approved check -
No out of state checks.

Sale by:

Elizabeth Miller

Kenneth Griest & John Stoltzfus, Auctioneers
Lic. #AU-001270-L
Lic. #AU-001728-L
Phone (215) 857-3942

Food Available
Not Responsible For Accidents

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT JUN 1 - 9AM, Antiques, HH Goods, Animals, located along Horse Happy Rd , just off Rt 897 between Schaefferstown & Kleinfeltersville, Leb Co , PA, B Lee Yohe, owner, T Glenn Horst and Sons, Aucts

SAT JUN 1 - 9AM, Ranch House, Antiques, HH Goods, located along Rt 23 between Morgantown and Churchtown, Caernarvon Twp , Lanc Co , PA, Estate of Mary S Charlet, Horning Farm Agency, Inc , Aucts

SAT JUN 1 - 9AM, Hunting Camp, Personal Property, located app 14 mi N of Lock Haven, PA, along Rt. 120 on Road to Renovo, PA, Clinton Co , Estate of Dean Lingle, Earl W Weaver, Auct

SAT. JUN. 1 - 9AM, Valuable Real Estate, Automobile, Antiques, Furniture, Appliances, Housewares, Lawn Equip., Tools, etc., located RD 1, New Park, PA, Estate of Mary I Skelton, Bob & Tom Sechrist, Aucts.

SAT. JUN. 1 - 9AM, Tools, Bathroom Utilities, Misc , located on Rt. 230 in Dauphin Co at 4815 E. Harrisburg Pike, Elizabethtown, PA, Richael and Rod Matako, owners, Fahnestock's Auction Service, Aucts

SAT. JUN. 1 - 9AM, Personal Property of Theodore & Maxine Snyder, at their farm, 5 mi NW of Everett, PA, Bedford Co., Robert Grubb Sons, Aucts.

SAT. JUN 1 - 9AM, Antiques, HH Gods, Furniture, Rider Mower, Rototiller, located 76 Greenfield Rd , Lancaster, PA, Miriam E Shenk, owner, Miller and Siegrist, Aucts.

SAT JUN. 1 - 9.30AM, Public Auction Of Valuable Real Estate, Custom Van, Antiques, Furniture, Glassware, Tools, Coins & Household Goods. Located At. R D #2, Box 2434, Simmontown Rd , Gap, Sadsbury Township, Lanc. Co , Pa. From Route 30 & Route 41 In Gap, Take Route 41 South To Christiana Past Dutchway Market To Simmontown Rd , (1st Left), Turn Left To Property On Left - Watch For Signs Auction Conducted For James C. & F Virginia Miller Barr & Davis Aucts

PUBLIC AUCTION

Pine Corner Cupboard, 4 Other Cupboards, Antiques, Primitives, 1984 & 1971 Grain Body Trucks

Auction For Mr. Terry Hoffman "Hoffman Hohm Farm," Califon, N.J., R.D. #3. From Rt. 78, Take Exit 24 & Turn Left On Rt. 517, Go Thru Oldwick, N.J. & Continue On Rt. 517 Up The Mountain For 5 Miles. At Blinker Light Turn Left Onto Rt. 512 West & 2 Miles To Farm. Arrows Posted.

SAT., JUNE 8, 1991

9:30 A.M.

If Rain, In Large Metal Building

1700's Pine 4 Blind Door Corner Cupboard w/Crown Molding & Reverse Panel Doors, 6 Shelves, 1 Door Pine Harness Cupboard w/Crown Molding, 3 Other Old Cupboards, 1 Hanging, 3 Pine Dovetailed Blanket Chests w/Bracket Feet, 2 Pine Tables, 1 Is Gateleg Dropleaf, Oak Sideboard, 3 Shelf Oak Stand, 2 Old Easels, 1 From Old Local Farmersville School, 4' Tall Bird Cage, Clean Maple Diningroom Suite w/Corner Cabinet & Buffet All w/ Bracket Feet, Strap Of 28 Sleigh Bells, 3 Gal. Blue Bird Crock, Other Crockery, Lg. Oval Butter Bowl, 2 Plate Chunk Stove, Parlor Stove. **Glass-China:** 30 Pc. Pink Depr. Luncheon Set, Pink Covered Butter Dish, Other Pink & Green Depr. Glass, 2 Lg. Round & Oval Cut Glass Bowls, Stretch Glass & Open China Cake plates, 1 Is R.S. Prussia, 23 Pc. Etched Glass, Green Opalescent Bowls, Lg. Blue Transfer Platter, Cream Mixer w/Green Bowl, Compote, Set Bohemia China Dinnerware, Good 1950's Children's Books & Games, 2 Cake Trays. **2 Good Grain Truck- Primitive Farm Items:** 1984 Ford F-600- 16' Grain Body Truck w/1986 Omaha Body & Only 50,000 Miles, Real Clean, 1971 Int.- 1800- 16' Grain Body Truck w/ Twin Cyl. w/New 10.20 Radial Tires Both Licensed For 10 Tons, 1978 Dodge ¾ Ton Club Cab Pickup's Needs Work, 8' Cap For Pickup, Horse Drawn Hay Tedder, Dump Rake, Set Bob Sleds In Old Red, Paint, 10' Long 2 Runner 1 Pc. Sled, Single & Double Trees, Tongues, Neck Yokes, Wagon Jack, Round Butcher Meat Cooker, 3 Platform Scales, 1 Has 7 Brass Beams & Old Blue Paint, 1904- #3 Red Improved Corn Sheller, 4 Bin slant Lid Feed Box Old Red Paint, Ferriers Tool Box, 24 Milk Cans, C.R. Of N.J. Milk Can w/Brass Stamp On Can & Lid, Waldrons Milk Bottles Local, 6 Old Milker Pails, Starr Car Fender, Treadle Grindstone, Good Grain Cradle, Sm. Air Comp., Screw Jacks, Leg Vice, ½ Ton Chain Hoist, Hand Truck, Old 10" Porch, Posts, Set Dehorners, Ice Tongs, 3 Pc. L.R. Suite, Philco Floor Radio, Plus Much Unlisted.

Not Responsible For Accidents.

Note: This Farm Has Been In The Hoffman Family For Many Generations. Tools- Farm Items Sold At 9:30 A.M. Trucks At Noon, Antiques 12:30 P.M.

Terms: Cash Or Approved Check.

TERRY W. HOFFMAN

908-832-2214

Arthur Hanna, Auctioneer
Bloomsburg, N.J.
908-995-7862

Food

PUBLIC SALE

OF REAL ESTATE

(CIRCA 1760 LOG & FRAME 2½ - STORY HOUSE w/ASBESTOS SIDING & 2-STORY FRAME BARN w/2-CAR GARAGE & WORKSHOP)

MONDAY EVE., JUNE 17, 1991

At 7:00 P.M.

Loc. 1604 Lampeter Road, West Lampeter Twp., Lancaster Co., PA. (Just north of Lampeter Square)

Property open for inspection: Sat's, June 1, 8 & 15 from 1:00 P.M. until 3:00 P.M. Or phone (717) 464-3541.

Sale by

MR. & MRS. DAVID PATRICK SHAUB

Daniel C. Herr, Esquire
Herr & Low PC
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

BODY SHOP EQUIPMENT
TOOLS - ELCAMINO
- OLD CAR PARTS

SATURDAY, JUNE 15, 1991

9:00 A.M.

LOCATED: Grantham, PA. 627 Grantham Rd. Off Rt. 15 - 3 Mile North of Dillsburg, PA - Turn East or South of Camp Hill Off Rt. 15, Turn East on Grantham Road. "Watch for Signs".

1971 Elcamino, 350 motor, 4bb, 4 spd, PS, PB & well maintained; Shop Muel made by W.F. Hebard & Co. and powered by an International Motor, Model A 1 ton with hand crank dump, Model T chasis & wheels, Model A Coupe Body, cow, & doors, Quincy 5 hp air compressor - Like New, 5 hp electric motor - 1 phase, 2 GM engine blocks, many parts for early Chev wheels, dash units, 216 & 235 Chev motors, mainfolds, starters, generators, lights, horns, radiators & shells, trans., heads, other misc. Chevy parts, old PA License plates -1906 thru 1958, Antique car books and repair manuals.

Mack tools, open end & box wrenches, sockets, Snap-on tool chests, totes, Craftsman tool chests, acetylene torch, Lincoln welder 225 amp., spot welder, air tools - (drills, chisel, wrenches, shears & sanders), vises, slide hammer, body tools, hydraulic bumper & floor jacks, jack stands, bench & side grinders, large assortment of hammers, porta-power, paint spray guns, McCullock & Homelite chain saws, chain hoists, trolleys, battery charger, air regulators, buffer, sand blaster, trailer jack, vise grips, tin snips, meat cleaver, bone grinder, Enterprise #52 meat grinder on stand, sausage & lard press, Aires 6 hp snowblower, rubber tire wheelbarrow, lawn roller, 4 drawer file cabinets, brass fittings, bolts, screws, nuts, light bulbs, hay fork, chains & binders, post drill, sandpaper, automotive paint, rope, trans. grease pump, oil tank & pump, RESTORED OLD TEXACO GAS PUMP, drop cords, creepers, wooden planes, rubber straps, drill bits, tire tools, pullers, Oak glass show case, 1½ HP HIT & MISS ENGINE, TOY HIT & MISS ENGINE & ENGINE TRUCK, and many other items of interest.

NOTE: This was the merchandise of James N. Reeser (Body Shop) and these tools were taken care of. The vehicle will be sold at 12:00 noon. For inspection phone Leon at 717-292-3484.

TERMS: Cash or Good Check.

Seller:

ROMAINE REESER
627 Grantham Road
Grantham, PA

Auction Conducted By:
Rentzel's Auction Service
Blaine & Nevin
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

LARGE 2-DAY PUBLIC AUCTION

FRIDAY, JUNE 7, 1991 - TIME: 4:00 P.M.
SATURDAY, JUNE 8, 1991 - TIME: 8:30 A.M.

Auction Held Under Tent

Located In Perry County at 160 Fleisher Road, Marysville, Pa. Directions: From Marysville, Take Rt. 850 West, 3.8 Miles To Fleisher Road On Right. From Shermans Dale, Take Rt. 850 East, 9 Miles To Fleisher Road. Signs Will Be Posted.

AMMO -- GUN PARTS (NEW AND USED)

Rem. ammo cabinet; 3 Federal ammo units; Norma bullet display board w/bullets and casings; **100 plus boxes** of new ammo to include 43 Spanish, Win 22 WRF, 32 short Colt, 32 long Colt, 32 Win smokeless, 300 Sav in R&W Win boxes, 30 Luger, 32 Win. Super Speed, 351 Win , Boy Scouts of America, 22 Rem Jet, 6 5 Carcanno, and much more; early assortment of shot shells, Lyman and RCBS part kits (new) for dies, RCBS shell holder; rifle and shotgun stocks and butt ends, Win and Rem rifle and shotgun barrels (used), large quantity of **early** rifle and shotgun barrels (good for parts only); rifle and shotgun sights (variety); large variety of shotgun choke tubes, **Redfield Bases** And Quik Sight Mounts; Midnight Special Gun Parts Only, Rubber And Steel Butt Plates For Rem , Win Seiko And Others, Misc Bullseye Spring Kits For Revolvers; Forester And RCB Pilots, **Colt, Luger, S&W And Pachmyer** Pistol Grips; Dent Removers, No-Go Gauges, Checkering Tools; Dremmel Tool Stones Carving Tools, Various Other Gun Tools; Rem , Win , Etc Parts, Books And Breakdown Manuals, Large Variety Of Gun Books To Include **Small Arms Of The World, Handguns Of The World, Mannlicher, Browning Super Posed** Book, **Madis-Win. Mod. 12,** And Approx 50 More

TOOLS (POWER, SURVEYOR, MISCELLANEOUS)

Milwaukee Saw All (New) And Right Angle Drill (New), **Milwaukee** Self-Feed Bit Set (7/8 To 2-9/16), **Craftsman** 4" Jointer And 8" Table Saw Combination, **Craftsman** 12" Jig Saw w/Stand, Franklin Foundry 37" Wood Lathe, IMS 16-Speed Drill Press, **Milwaukee** 1¼ " Commercial Hammer Drill, **Ingersoll-Rand** Air Compressor w/5 H.P Motor (Like New), **Miles 180** AC Welder, MICRO Combination Vise, 2 Federal 2" Micrometers, 2 Areostat Inside Micrometers, Snap-On ¾ " Torque Wrench 2¼ -Ton Hydraulic Floor Jack, Commercial Parts Washers, XR30 Weed Eater, 2 **Carl Zeise** N12 **Surveying Levels** w/Tripods And Cases, 1 David White Meridian **Survey Transit** w/Tripod, Craftsman Work Bench, 10' Pharmaceutical Work Bench, 2 AMP Probes (1 Digital, 1 Standard), CB And Radio Tools, Bridges, Condenser Tester, Probes, Etc

COLLECTIBLES (KNIVES — POSTERS — COINS — BOOKS)

Rem. Bullet Knives (1988, **1 Of 500;** 1988, 1 of 5,000, 1989, 1 Of 5,000, 1984 '88, '89, '90, '91); 2 Case Pocket Knives, Made For Pa Trappers Association, **Winchester knives** (11 different kinds); other knives include Old Time Cammilus pocket knives, Cutter, Smith and Weston; **Rem. Bullet Knife posters; W.C. Welth 1974** oil painting poster and others; Rem , Win , Marlin, Savage, Ithaca catalogs ('60s and '70s), **Stoeger Shooting Bibles;** 1942, '44, '48, '49, 2 Win flashlights, Win. Western Sporting and Arms lighted sign, Winchester coffee cups w/22 ammo, Savage and Win gun grease (old tubes); marbles; **Hess trucks** (in boxes), 1987, '88, '89, '90; 1957 Pa auto license, silver dollars and dimes, 1943 Blue Jacket manual, 1914, 3 volumes of **Pennsylvania at Gettysburg;** original **Winchester calendars** (early '60s)

SAFE-STORAGE CABINETS — KAWASAKI PARTS (NEW) MISCELLANEOUS

Shaw and Walker fireproof floor safe; heavy canvas and rubber matting, approx 6 square of white and beige aluminum siding, some trim, 3 metal storage cabinets w/small drawers, wooden storage cabinet w/approx 30 drawers; **new Kawasaki parts** and handlebars, Lowry organ; G E refrigerator, Craig police scanner

TRUCK — TRAILER (TO BE SOLD SATURDAY)

1978 GMC Sierra Grande 25, ¾ ton, 4x4, 350 cu in , AT, heavy duty towing, AM/FM, cassette player, **Monitor 15'** travel trailer, sleeps 4

GUNS — GUN SAFE (TO BE SOLD SATURDAY)

Commemorative issue set of **Iver Johnson pistols (174 of 450)** consisting of models 55A, 57A, and 67 in wooden presentation case, marking the 100 year anniversary; Rem mod. 700 BDL, 30 06 w/3x9 scope, **Rem. 760, 308** carbine w/4X Ted Williams scope, Rem 512, 22 cal , Savage 340, 30 30 bolt, Savage 110F, 30 06 w/Riunite stock, Rem 14, 32 Rem cal , Conn Valley Arms 12 ga S/B, Stevens 38B, 410 ga , bolt, Ruger mini 14 rifle, 223 cal , semi , blue, Win 490, 22 cal , **Win. 94, 30.30** (pre-64), **Win. Ranger Turkey gun,** 12 ga , 3" Mag w/chokes, Treadlock 30-gun safe, Bausch and Lomb 20X spotting scope w/wooden case, many Rem and Winchester **rifle and shotgun boxes** to include model 70 pre-64s, '61 Win , Rem 760

REAL ESTATE (SOLD WITH RESERVE) — 12:00 NOON

Located in Rye Twp , Perry Co , Pa on 1 2 acres is a 4-bedroom ranch home w/2 kitchens, living room, dining room, den w/skylights, 2 full baths; central AC and oil heat; attached to the blue vinyl siding house are 2 work shops and a 1-car garage surrounding the house is a 16½ x32½ Grecian swimming pool, screened-in pavilion, 2 storage sheds, and a chain link fence Located in a rural area w/excellent hunting and fishing. **Terms: Cash or certified check; 10% down day of auction and balance due; 120 days at settlement.**

Special Note: This auction is loaded with merchandise for the gun shooter and collector enthusiast. Lots of Winchester and Remington smalls. Far too much to advertise! Plan to attend both days. The real estate, truck, trailer, and any items listed under the gun heading will be sold Saturday. Everything else will be mixed in and sold either day. Terms: Cash, approved Pa. check or traveler check. Out-of-state buyers must have a current bank letter of credit.

Owner, GARRY GIPE

Art Creelman, Apprentice
Lic. #AA-1966L

FAHNESTOCK'S

AU 2553-L Auction Service Nevin Fahnestock, Auctioneer (717) 582-8565

EDEN HILL ORCHARDS

COMPLETE LIQUIDATION
APPLE & PEAR ORCHARD

PUBLIC AUCTION

TUESDAY, JUNE 25, 1991 • 11:00 AM
REAL ESTATE 12:00 NOON

The shareholders of Eden Hill Orchards, Inc have authorized Ebersole & Shoop Auctioneers to sell at public auction all the lands, buildings, machinery packing lines, controlled environment 30,000 bushel storage facility, irrigation equipment and shop equipment.

The commercial orchard consists of 30 acres of STARK CRIMSONS, 20 yrs. old Twelve (12) acres of STARK CRIMSONS, 9 yrs. old. Thirty (30) acres of 40 yr. old pear trees, 2,000 BARTLETT, the rest divided between ANJOU, BOSC & SECKEL, 26 acres of woodland

THE REAL ESATE CONSISTS OF: 98 acres in Washington Township, Schuylkill County, PA Improvements erected being a 50'x80' controlled environment fruit storage facility with 22' hgih ceilings, 40'x60' packing house. Eden Hill is one of the few orchards in the Eastern United States which tray packs pears. The second floor of the packing house has a modern 2 bedroom apartment, living quarters and office. The remainder of the second floor is used for container storage Other facilities include a 26'x75' cement block implement storage building, tenant cottage, mobile home & 7,200 gallon water tank used to fill sprayers The irrigation system is fed from a 5 acre irrigation dam, and a spray irrigation dam

EQUIPMENT LIST AS FOLLOWS: John Bean Sprayer - Model 477, 2 stage pump, newly painted - 500 gal tank - 32" fan powered by a G.M.C V-6 engine, 18 4x16 implement tires, **Clark forklift** - 3,000 lb capacity, propane fuel, includes 2 spare propane tanks, Serial# CF-30B-534-894-LRG-1267; **Oliver forklift tractor** - Model 552, overhauled 3 yrs ago, 4 cyl gas engine, 12 ft. mast, 5,000 lb capacity; **White Field Boss tractor** - Model 37, 4 WD, rops, roof canopy, Mitsubishi diesel engine, 16 speed forward, 222 HRS, **Massey Ferguson Tractor** - Model 390 Dual remote hydraulics, 4 WD, 661 HRS, equipped w/836 loader w/4 ft. heavy materials bucket & 7 ft. light material bucket, quick change pins; **Stake Bed Truck** - 1972 International 1800 Loadstar, 30,000 GVW, dbl frame, oversize radiator, 2 extra 30 gallon gas tanks, T-36 over/road trans, 10 spd, Boyertown body, diamond plate bed, 10-20 tires, 48,000 original miles Penna, one owner, racks, **Van Box Fits** - Truck removable 16 ft palm fan box, **Oliver OC6 Diesel Crawler** - Cleat track, 3 pt, hitch, **Edwards Twin Hydraulic Picking or pruning brooms** - fits the Oliver OC6; **Auxiliary hydraulic system; 9.5 Ft. Offset Rotary Mower** - Woods Model 2090, **FMC Speed Sprayer** - 300 gallon stainless steel tank, PTO driven, hi-pressure pump, 26" fan, Model LV300, **Marlow Irrigation Pump** - Model 4E T255, Eight Hundred GPM, 250 ft head, powered by a Deutz air cooled 110 HP diesel engine, Model FGL-913, Murphy safety control, **450 ft. of reinforced nylon hi-pressure hose on spool roll; Tico Traveling Tower** - 15 ft mast, 100B volume gun, **Active Girette travel tower** - 16 ft. reach, Ideal for picking or pruning, powered by a one cylinder 16 HP Briggs & Stratton Engine equipped with hydraulic system for hydraulic pruning guns; **Trump girette traveling tower** - 16 ft reach, Ideal for picking or pruning, powered by a twin cylinder 16 HP Briggs & Stratton engine equipped w/hydraulic system for hydraulic pruning guns; **Pitman Travel tower** - 16 ft reach, Ideal for pruning or picking, powered by a single cylinder 11 HP Briggs & Stratton engine equipped with pneumatic air for pneumatic air for pruning guns; **Weed Sprayer** - 3 pt. hook-up, 100 gal. fiberglass tank, PTO hydro driven pump, **Stationary Irrigation Tower** - 15 ft. mast, 70B Rainburg Gun, **APP 700 bulk bins; Electric box stapler** - Stanley Model FC95EC; **Pneumatic Air Pruners; Hydraulic Pruners; 60 Canvas bags; Pallet Jack** - 5,500 lb. capacity, Wrangler 85, Model #ML55; **New Idea Flat Bed** - farm wagon 14 ft. bed; **40 ft. aluminum extension ladder; 20 ft. alum. extension ladder; Four (4) 12 ft. pruning poles; A full line of apiary equipment** - bee hives, bee colonies; **3 Point Hitch Rotary Mower** - Covington cutter, Model L, **3,000 wire mesh tree guards; Loading Dock plate; Two - picnic tables (8 ft. long); Seven ft.** 2 Rollo-Mulchers; **Eight ft. scraper blade** - 3 pt. hook-up; **John Deere 6 ft. Sickle Bar Mower** - 3 pt. hook-up, **Nine ft. Utility Trailer** - Diamond plate bed, 3 extra sets of racks; **Harrow; 3 pt. Hitch picking rig; Older Tico Traveler irrigation Tower; Ford Post Hole Digger** - New 12" auger, also included is an 18" auger, **Lely 3 pt. hook-up Fertilizer Spreader** - 1200 lb. capacity, **Twelve - 7 ft. alum. picking ladders; Twelve - 8 ft. wooden picking ladders; John Deere 8 HP Riding tractor** - Model 108; **Quincy 3 pt. hook-up** - PTO driven air compressor, Model 216; **Artic Cat Panther Snowmobile** - Wenkel rotary engine; **6" Alum. Irrigation Pipes** - 20 ft. lengths, rain control connection; **Spot Heater System; 550 Gal. tank on skid; 300 AMP Lincoln Welder** - AC-DC Hi-frequency, Heliarc unit-tig gun & conv. welder; **Westinghouse 3YC Heavy-duty Twin cylinder air compressor; 16 speed drill press, ¾ " FM 1617; 28 Ton Inclined plain press; Heavy Duty Roller Conveyors; 200 AMP battery charger** - Schumaker, Model 5E-40-20, Six and Twelve volt; **3 - 60 gal. square fuel tanks w/pumps; Agri-Tech Model 84 Computer** - electronic bagger - 3 yrs. old, like new condition 15 bags per minute - 3 lb. bags; **FMC Model 70 Semi-Auto Bagger** - bags 12 bags per minute, **Bostitch Air Stapler** - Box closer - Model D-16-2 AD; **Hi-Pressure Washer** - Model KEW 090 IK; **200 GPM Water Pump** - 5 HP Electric motor; **2 Simplex Time Clocks; ¾ " Air Impact wrenches; ½ " Air Impact Wrenches;** Various hand tools; **Some Complete sets of metric and standard wrenches; Acetylene Torch** - equipment with Smith torch; **Baldor Bench Grinder; Homelite XI Chain Saw; Poulan 2,000 Chain Saw; Poulan Weed Eater; New Twin 161C Series Briggs & Stratton Engine; Packing Supplies** - 25,000 extra fancy wicket style bags / 25,000 US fancy wicket style bags; **Apple Pack Trays** - sizes 138-56; **Manual Box Dumper; 36" Wood Lathe** - 5 speed, Value Craft, Model 8232, **Honda Trail 70-Mini-Bike; 8 ft. Pick-up Truck Camper** - Sleeps 4 w/stove & refngerator, **Air Hoses; NAPA Paint Spray Rig; Binks Paint Sprayer; Commodore 64 Computer** - Monitor printer, single disk drive; **Power Conveyor** - in packing house goes from first floor to the second floor, reversible, electric & motor driven; **1 Bushel Crates; The Packing Line** - 4-Lane-FMC Tray Packing Line, 2 ft rolls. Description as follows: 1500 gal hydro dumper, 2¼ " chain eliminator (extra rolls for the chain eliminator), 6 FT. WASHER - 7 brush unit 60-GPM, WAXER - Model 115 Agri-Tech Pneumatic Metering transversing wax applicator, TWM - 2410 eight brush unit, 3 ft transfer belt, FMC stay fresh dryer 163" oil fired unit, 5 ft. transfer belt, FMC Pamona automatic bin filler, Model BF-1236 Peg Belt 72" bin filler, 80 ft. of call line - 4' wide, 8 ft. FMC grading table, 100 ft. FMC power conveyors, 7 circular packing bins - 3 ft. diameter, FMC weight sizes, 9 SIZE two lane

DIRECTIONS: INTERSTATE 81, SCHUYLKILL CO., PA. Get off at Exit 31 & go East on Rt. 443 for 3 miles to the Village of Pine Grove. At red light in Pine Grove continue East on Rt. 443 for 3 miles and turn right onto Frantz Rd., follow Frantz Rd. 4/10 of a mile & turn onto State Road 3011 Follow State Road 3011 for 6/10 of a mile & turn right onto Birds Hill Road Go 9/10 of a mile & turn right onto gravel lane which is the entrance of Eden Hill Orchards. Simply follow the auction signs

INSPECTION: Saturday, June 1, 1991 from 11AM to 4PM
Other times by appointment by calling auctioneers

TERMS OF REAL ESTATE: 10% down the day of auction with balance due at final settlement on August 1, 1991. *****Statements made the day of the sale take precedence over advertised matter *Real estate & tray pack line sell subject to owners confirmation of price

SALE ORDER: Small tools 11.00AM - Real estate 12:00PM - Followed by equipment.

CONDITIONS BY:

EDEN HILL ORCHARDS, INC.
Karl E. Bowers, President
P.O. Box 86
Pine Grove, PA 17963
(717) 345-8176

ABSENTEE BIDS:
Send 20% deposit with bid to Ebersole & Shoop Auctioneers. Deposit returned promptly if you are not the high bidder.

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS— AUCTIONEERS

Nelson L. Ebersole
Lic# AU-001307-L
Phone: (717) 867-5221
Fax: (717) 867-5606

30 West Main Street
Annville, PA 17003

Ira R. Shoop
Lic# AU-0011631-L
Phone: (717) 534-2030

OUTSTANDING PUBLIC AUCTION

ANTIQUES - EXCEPTIONAL FURNITURE
ORIENTAL & ORIENTAL TYPE RUGS
DIAMOND RINGS & OTHER JEWELRY
GOLD & SILVER ITEMS - QUILTS

To be held at REDDING AUCTION SERVICE located taking Route 34, ½ mile North of Gettysburg, Pa. - bear right at Y (at car wash) & continue 2 miles on Table Rock Road to auction site - on

WEDNESDAY, JUNE 5
3:00 P.M.

This sale includes an exceptional lot of personal property items from the former home of MILDRED MORRISON - 110 Broadway- Hanover, PA.

Very nice 9 pc. ornate oak dining room suite - china closet, buffet, server, table & 5 chairs; fine 2 pc. mahogany secretary w/4 door glass door top - 7'8" high by 6'3" wide; large English style mahogany 2-door wardrobe w/large bottom dovetailed drawer & interior dovetailed drawers, VN decorated paneled German blanket chest; new Howard Miller oak case grandfathers clock - 3 weight, moon dial and chimes; oak bookcase w/glass door front; king-size bed w/velvet headboard; maple double bed w/springs & mattress; lg. burl mahogany dresser w/large carved mirror; 2-nice mahogany dressers; maple dresser; walnut 6-leg gate leg drop leaf table; nice wood conference desk; Zenith Chroma-Color console television w/cabinet; Magnavox console stereo w/mahogany cabinet; 2-upholstered 2-section sectional sofas; nice upholstered chair & matching ottoman; upholstered contour chair; VN pr. carved mahogany upholstered side chairs; other various upholstered side chairs; maple dining room chairs; VN walnut needlepoint upholstered rocker; mahogany telephone stand w/bench; wicker library table w/oak top; pr. mahogany leather top step end tables; mahogany glass top coffee table; mahogany end tables w/glass shelf; softwood stand w/drawer; wood bookshelf; nice secretarys chair; new oak case hanging wall clock - keywind w/triple chimes;

Nice lot of pictures & picture frames; VN 38"x50" gold colored ornate frame w/signed oil on canvas- coast scene; nice needlepoint religious picture w/gold frame; 4-Wallace Nutting pictures; lg. wall mirror; other nice wall mirrors; scrolled wall shelf w/design glass mirror; nice complete 7 pc. silver-plate tea service w/tray; VN old enamel over-lay prism candle holders; VN pr. large etched ruby candle holders; VN Seth thomas decorated keywind ceramic clock; nice lg. elephant figure; glassware includes: pressed & patterned, R.S. Prussia, Haviland, other china items; very unusual Meissen pieces - some damage; set Lenox "Tuxedo" pattern dishes; baskets; old toys; VN lot books of various categories; lg. needlepoint pillows; VN etched glass lamps w/prisms; Stiffel floor lamp; other nice table & floor lamps; bed linens, toweling, etc.; Life Cell calling system; 36"x36" stained glass window.

JEWELRY & COINS - fine ladies platinum & diamond eternity ring containing 16 .30 ct. full cut round diamonds; fine ladies platinum & emerald eternity ring containing 16 4MM round grade A emeralds; lot other smaller diamond rings & jewelry pieces and watches, nice mens rings.

Gold coins & pieces include: 1879-S & 1884-S $20; 4 South African gold Krugerrands; 4 Austrian 1915 $1 Corona pieces; approx. 80 various date silver dollars; lot other various coins.

Oriental & Oriental Type Rugs - 16'x10'4", 12'x8'9", 17'4"x9'8", 11'10"x8'9", 4x6', 4'5"x2'3", 27"x64", 22"x45", 9'x2'6", 9'x2'5", 6'5"x4'5", 6'x4', 5'x3', 4'1"x2'8" & 4'x2'

Electrolux vacuum; new oil filled electric radiator; Hotpoint refrigerator-freezer; Renco upright freezer; Wincraft apartment size gas stove; nice York home or office safe - 40"Hx24"Wx22"D; eleven (11) pieces very nice wrought iron patio furniture;

NOTE - There are a lot of very nice personal property items in this sale - Plan to attend.

Sale Inspection - Tuesday, June 4 - 6:00-8:00 P.M. Doors Opening On Sale Day at 12:00 Noon.

Terms - Cash
C. David Redding - Auctioneer
PA License No. 742-L
Gettysburg, PA - Ph: 717-334-6941

PUBLIC SALE
OF
REAL ESTATE

2.1 Acre Farmette w/Grocery Store
2½ Story Frame Home w/Vinyl Siding
Other Outbuildings
Non-Conforming Use

ALSO
1952 Dodge Pickup
1984 Plymouth Reliant

THURS., JUNE 13, 1991
AT 7:00 P.M.

Loc: 5 Pinnacle Road, Martic Twp., Lancaster Co., PA.
Dir: Take 372 approx. 5 mi. West of the Buck & turn right on River Rd. Go approx. 2 mi. to sale.
(CORNER OF RIVER RD. & PINNACLE RD.)

Property open for inspections: Sat.'s, May 25 & June 1, 8 from 10:00 A.M. to 12:00 Noon. Or phone (717) 464-3541.

Sale by
Mr. & Mrs. George J. Crnkovic

William W. Campbell, Esquire
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC SALE
WEDNESDAY EVENING
JUNE 5, 1991
Time: 4:00 P.M.

At Stahl's Sale Gallery, Mifflinburg R.D. Watch for Sale Signs East End of Mifflinburg at Time Markets Follow Signs.

TRACTORS, MOWERS, MILLING MACHINE, TOOLS, ETC.

1 - Farmall Cub Tractor with Woods 59" Rotary Belly Mower In Ex. Condition; 1 - Farmall Cub Tractor with Dozer Blade in Ex. Condition; 1 - Farmall Cub Tractor Re-Conditioned to Put Back Together; 1 - International No. 184 Tractor with Belly Rotary Mower, Good Condition; Extra Parts for Cubs; 6 Ft. by 20 Ft. Close Wheel 4 Wheel Low-Boy Very Good; 2 Mower Bars for Cub; 2 Way Plow; Cultivator; Dozer Blade; New Set of Cub Rear Tires; Jeep Motor Trans., Etc.; Another Motor with Drive Chain; Like New 18 HP Craftsman 6 Speed Lawn Tractor with 44" Rotary Mower; 22" Rotary Mower; Cub Cadet 32" Lawn Sweeper, (Wisconsin 250 Ton Hydraulic Press); Metal Lathe lot of Lathe Tools; (No. 2 Brown and Sharpe Surface Grinding Machine); Powermatic-Burke Milling Machine); (Powermatic Heavy Duty Drill Press); Stand Type Bench Grinder; Sanborn 5 HP Air Compressor; Craftsman Radial Arm Saw; B.D. Valve Refacer; Rubber Tire Wheelbarrow; Campbell Hausfeld Sand Blaster;1 - H.P. Craftsman Router; Many Other Small Power Tools; Machinist Surface Level; Large Drill Bits; Power Saws; Craftsman Sprayer; 36 Ft. Wood Extension Ladder; 8 Ft. Wood Step Ladder; 6 Ft. Alum. Step Ladder; Battery Charger; Kerosene Heater; Creepers; Air Hose; Large Vise; Metal Heavy Duty Cabinets; Paragin Large Old Airplane Wood Propeller; Metal Machinery Table; Weed Wackers; Metal Desk; Slater Felt and ½ Lap Rolled Roofing to be Sold by Skids; Craftsman Machinist Tool Box Other Tool Boxes; Craftsman Tools of All Kinds; Other Tools; Ramps; Gas Cans; Saws; Picks; Hammers; Etc.; Lots of Screw; Nails; Nuts; Bolts; Elec. Items; Testers; Rivet Sets; Organizers; Walker Turner 2 H.P. Industrial Radial Arm Saw; Cut Off Saw For 3 Point Hitch Tractor with Power Take Off No Belts; Sanitary Commercial Elec. Meat Grinder; Hobart Elec. Commercial Meat Band Saw; Large Meat Tenderizer; Many Other Items Unseen Very Good Sale. Most Items Are In Ex. to Very Good Condition.

TERMS OF SALE: Cash or Good Pa. Check Day of Sale. I.D. Required.

AUCTIONEER: Earl W. Weaver
Lic. No. AU-980-L
Phone 814-349-5290

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT JUN 1 - 9 30AM, Farm Equip , Tools, Antiques, HH Goods, located from Honey Brook, take Rt 20 S , 3½ mi to Hill Rd , turn left onto Hill Rd , proceed 2 mi to sale on right, Joseph B and Esther Taylor, owners, Nevin Martin and Andrew Martin, Aucts

SAT JUN 1 - 9 30AM, Real Estate-20 AC on Chemung River w/Nice 2 Story Home, Plus Antique and HH, located Rt 220 Sayre PA, Bradford Co , Mr and Mrs Northrup, owners, Shamrock Auction Service Jerry Burke, Auct

SAT JUN 1 - 9 30AM, Real Estate-Parcel A, 141 Acre Juniata County Farm-Parcel B, Country Dwelling 2 642 Acres located in Beale Twp , Juniata Co , 10 mi S of Mifflin and 4 mi N of Reeds Gap along hard top Rt 35, Estate of Woodrow W Fuller Bryan D Imes, Aucts

SAT JUN 1 - 10AM Registered Heifer Sale at New Holland Sales Stables, New Holland, PA

SAT JUN 1 - 10AM, Sewing Factory Contents located 231 Franklin St , Quakertown, PA, Newson C Weidenbaugh, Auct

SAT JUN 1 - 10AM, 17th Annual Spring Show and Sale, Nittany Antique Machinery Assoc at the Penns Cave Grounds, Rt 192 E , Centre Hall, PA, Consignment Sale of Antique Gas Engines, Tractors, Machinery, Tools, Etc , Gilligan, Esh and Fisher, Aucts

SAT JUN 1 - 10AM, Antiques, Guns, Collectibles, located on Rt 322 in Chester County between Honey Brook & Guthriesville across from Forks of Brandwin Presbyterian Church, Estate of J Parke Hughes, Kenneth Griest and John Stoltzfus, Aucts

SAT JUN 1 - 10AM, Surplus Vehicles and Misc Equip , located Twp Public Works Garage, 277 S Maple Ave , Basking Ridge, NJ, Twp of Bernards, owners, Dingman and James, Aucts

SAT JUN 1 - 11AM, Private Collection of Old Baseball and Boxing Cards, Misc Cards, Schultz Auction Service, Rt 209 Zerbe, Newtown, PA, Francis (Pete) Schultz, Auct

SAT JUN 1 - 12Noon, Real Estate, located corner of 5th Ave (897) and Mine Rd in South Lebanon Twp , Rt 897 between Schaefferstown & Lebanon Fernwood Auction Co , Aucts

SAT JUN 1 - 1PM House on ½ Acre Lot located 1 mi N of Terre Hill just off Rt 897 along Wide Hollow Rd in East Earl Twp , Lanc Co PA, Art and Minerva Horst, owners LeRoy S Horst, Auct

SAT JUN 1 - 1PM, Real Estate Brick Ranch Style Home, located on Washington Ave Ext , Mifflintown, PA, Earl and Pauline Hower owners, Long's Auction Service , Aucts

SAT JUN 1 - 1PM, Real Estate-141 Acre Juniata Co Farm, located in Beale Township, Juniata Co , 10 mi S of Mifflin and 4 mi N of Reeds Gap along hard top Rt 35, Estate of Woodrow W Fuller, Bryan D Imes, Auct

SAT JUN 1 - 4PM, 14 Acre Farm & Woodland, located at 1730 Furnace Hill Rd , Clay Twp , Lanc Co , PA, Edward L Redcay, owner, T Glenn Horst and Sons, Aucts

SUN. JUN 2 - 12:30PM, 5th Annual Toy Tractor Auction, Nittany Antique Machinery Assoc , at the Penns Cave Grounds, Rt 192 E , Centre Hall, PA, Toy Tractor Show June 1st and 2nd

PUBLIC REAL ESTATE AUCTION

"GREAT INVESTMENT OPPORTUNITY"

SAT., JUNE 15, 1991

10:30 A.M.

Located in the borough of West Reading, Pa., Berks Co. at 211-213 S. 3rd Ave. & Kline St.

SOLD W/OWNER CONFIRMATION

Real Estate is situated on a corner lot 50'x180' M/L & consists of a 2-story brick apart. bldg. There are **6 apartments + 8 garages all in good cond. & occupied** - good neighborhood - gas fired steam heat - meets all state fire & safety approval - new rubber roof - low maintenance - great cash flow investment! Possible owner financing to qualified buyer. Must see to appreciate this rare opportunity.

OPEN HOUSE-SUN., MAY 19 1 to 4 P.M.

Appointments only after open house call 215-775-8466 or 215-562-4286.

Terms: 20% dn. day of sale, balance within 60 days. Cash or good Pa. Ck.

Sold for

JOHN G. SIEGEL
MARY JO SIEGEL

Eugene G. Klinger Auct. Service
Hamburg, Pa. 215-562-4286
Lic. No. AU-002138-L

Public Auction

9 Choice Building Lots In Briar Lane East

Sat., June 8, 1991

Auction Time 11:00 A.M.

Located: Between Reinholds And Sinking Springs, On Ridge Rd., Approx. 1.5 Miles East Of Reinholds.

Directions: From Ephrata, Route 272 North To Route 897 North To Reinholds. Right Onto Ridge Road, To Lots On Right. East Cocalico Township, Lancaster County, Pa. (Near Berks County Line).

Lot #1: 4.12 Acres, Wooded With Stream.
Lot #2: 3.70 Acres, Wooded With Stream.
Lot #3: 29.62 Acres, Partially Wooded With Open Fields, Small Barn, Stream, Pond.
Lot #4: 5.63 Acres, Wooded.
Lot #5: 7.46 Acres, Wooded.
Lot #6: 5.48 Acres, Wooded.
Lot #7: 5.46 Acres, Wooded.
Lot #8: 12.24 Acres, Wooded.
Lot #9: 4.56 Acres, Wooded.
All Lots Are Perked & Approved.

Note: All Lots Very Secluded, At An Excellent Location. Only Minutes From Exit 21 Of The PA Turnpike And Other Main Arteries. Midway Between Lancaster & Reading Near Pepperidge Farm. If You Are Looking For A Very Private Area To Build Your Dream Home Be Sure To Check Out All The Possibilities These Lots Offer. For More Information Or Assistance To Obtain Financing Call Paul F. Martin, Auct.; 717-733-3511.

Terms: 10% Down Payment Day Of Auction, Balance At Final Settlement On Or Before July 8, 1991.

Auction By:

EUGENE K. MARTIN & LINDA S. MARTIN

Michael P. Kane, Attorney

Call Auction Company For Plot Plan
717-733-3511

PEM Professional AUCTIONEERING MARTIN AUCTION SERVICE
Paul E. Martin
Ephrata, PA
717-733-3305
AU-001001 L

PUBLIC AUCTION

REAL ESTATE, 7 ACRES, ANTIQUES - HOUSEHOLD GOODS

SAT., JUNE 8, 1991

HH 10 A.M.
RE 1 P.M.

Location: 528 Snyder Hollow Rd., New Providence, Pa. Take Rt. 272 So. Of Lanc. Approx. 9½ Miles To Truce, Turn West On Rawlinsville Rd. To Snyder Hollow Rd.

3 Bdrm., 2 Story Log Structure, Bath, Kit., Liv. Rm., Din. Rm., Den, Laundry. Oil Hot Water Heat. No Well. New Owner Will Have To Drill A Well.

Terms: 10% Down Day Of Sale. Balance On Or Before 30 Days. Open House: Sats., May 25 & June 1, From 1 To 4 P.M. Or Call For Appt. 717-284-4089 Or 284-4293.

TERMS BY:

CARL G. AUKAMP, ESTATE
Ruth G. Snyder &
Rose Y. Roten, Executrices

Kreider, Kline & Good, Aucts.
AU000513L, 717-786-3394
John Mongiovi, Atty.

Kreider & Kline Auctioneers

PUBLIC AUCTION

HOUSEHOLD, ANTIQUES, OAK FURNITURE-CHINA CLOSET-HOOSIER CABINET-ROLL TOP DESK, SPINNING WHEEL, SPOOL CABINET, SHOW CASE, WALL TELEPHONE, PRIMITIVES, LEHIGH CO. HISTORICAL BOOKS, ADV. ITEMS/SIGNS, ASST. GLASSWARE, BLUE DECOR. CROCK, TOYS, TRANSIT, BELLS, GUNS TOOLS, ETC.

SAT., JUNE 8, 1991

9:30 A.M.

Location: 20 Miles North of Allentown, 6 Miles West of Lehighton off Route 443 in the Mahoning Valley Firehall, Carbon Cty., Penna.

ANTIQUES/COLLECTABLES: Oak china closet - curved glass - mirrored - claw ft., oak hoosier cabinet, quarter sawed 5' cabinet, oak roll top desk & chair, oak med. cabinet, leaded glass show case, spinning wheel signed O. Schneck, Clarks Walnut 6 drawer spool cabinet, Walnut wash stand - wood pulls, marble top stand, mahogany pie crust table, wall telephone, oak bookcase, cast iron Hessian Soldier andirons, signed wood dog sled, brass clothes tree, lap robe, handmade sleds, kiddy car, rocking horse, wood school house - movie - banana & tool boxes, copper apple butter kettle, trappers basket, cherry pitter, apple peeler, coffee grinder, flail, buggy whip, cabbage cutter, oak barrels, bench, cigar molds, cast iron seat, wagon wheel thread cutter, milk bottles & other, pocket knives, marbles, leaded marching band, political buttons, baseball pins, M. Mantel book, post card album, Lehigh Co. Historical books, J. Cagney pinup pictures & others, Seitz Tip Trays, penny wt. scale, surgical tools, hunting & fishing licenses, surveyors transit, tinware, banks, cast Penna. Dutch items, flat irons, model brass steam engine, brass R.R. bell - oiler & display gun, brass doll head, rosettes, parade & shaft bells, Switch Back poster & R.R. Timetables, cookie cutters, tobacco-beer-soda - tin-porcelain & wood adv. signs, M.C.-Leh.-Weiss, Adv. items, L.V. Station sign, lanterns, old street oil lamp & globe, lovers lite, bake-lite radios, cast R.R. sign, M.C. jug, Blue agate, 42 Ford Adv. banner, scribes & wooden tools, fire alarm box & ext., WINCHESTER PISTOL, 30-40 KRAG, bayonettes, etc.

TOYS: Marx Auto Transport, Tin Lincoln Tunnel-Cars & Livestock Truck, Sheriff Car, punch boards, culloid pcs., Xmas trees-sheep-balls-German creche, etc.

Sale by:

CURTIS & MARALINE EBERTS

Houser Aucts. AU-000446L
215-799-2396 or 717-386-2191

PUBLIC SALE

OF
OLD STONE HOUSE,
FRAME BARN & FRAME BUILDINGS
on 14 ACRES OF LAND
A-FARMALL TRACTOR
RIDING MOWER - FARM EQUIPMENT
ANTIQUES - HOUSEHOLD GOODS
TOOLS

THUR. EVE., JUNE 20, 1991

AT 5:00 P.M.

Loc. 950 Pequea Creek Road, Conestoga Twp., Lancaster Co., PA. (1½ miles southwest of Particville, PA.)

Property open for inspection: Sat.'s, June 1, 8 & 15 from 10:00 A.M. until 12:00 Noon. Or phone (717) 464-3541. Real estate to be sold at 7:00 P.M.

Sale by

Mr. & Mrs. Clair G. Sellers

Penn B. Glazier, Attorney
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

SATURDAY, JUNE 15, 1991

9:30 A.M.

Located approx. 6 mi. N. of Somerset off Rte. 281 N. Turn towards Hilltop Floral, proceed 1-1/2 mi. to Newman Farm.

REAL ESTATE- COMPLETE LINE OF FARM AND DAIRY EQUIPMENT

REAL ESTATE- 3 story frame, vinyl sided farmhouse with finished basement, coal/hot water heat, 5 bedrooms and bath; open staircase leads to finished 3rd floor. Nice home in good repair with 2 good water sources and nice location. 50x70 barn with 30x40 addition equipped for dairy, 80x45 Morton machine shed, 45x24 two story frame outbuilding included with property and situated on 45 acres.

FARM EQUIPMENT- JD 4440 diesel w/ cab, air & ps, set of duals & fast hitch, (good), IH 1066 diesel w/roll guard, good rubber (clean), IH 656 gas tractor, JD 2500 - 5 btm. 18" auto reset plow, NH 782 forage harvester w/elec. controls, grass & corn head, NH 479 - 9' haybine, NH 469 - 9' haybine, JD 336 hay baler w/kicker & preservative applicator, IH 510 - 16 disk grain drill, JD 215 - 12' transport disk harrow, IH 35 hydraulic rake, JD 640 ground drive rake, JD 950 roller harrow, IH 5 shank V chisel plow, 2 JD 714 forage wagons, 2 Grove forage wagons, 3 kicker wagons, IH 110 side bar, NH 28 blower, Winco 30,000 watt alternator w/trailer, 3 pt. spinner spreader, JD 6 section drag harrow, MF 4 row corn planter, Brillion 12' cultipacker, hay & grain elevator, hydraulic gate for dump truck, 1979 4 WD Chevy pick-up.

FEED AND SILO- Approx. 200 ton haylage out of Harvestor silo, 20x70 concrete silo w/20' Jamesway unloader, 80' silo pipe (silo to be torn down and removed)

DAIRY EQUIPMENT- 1250 gal. Surge bulk tank, 2-3 hp compressors & wash control, 6 Surge milker, Boumatic SS pipeline, 100+ Surge vacuum pump, Jamesway gutter cleaner, elec. bedding chopper, 2-24" fans, Agway feed mixer w/scales, Weaverline feed cart, calf hutch, Universal pipeline, 450 gal. Esco tank w/comp., Hobart 200 amp gas welder, misc. milking equip., paint & stain.

MISC. & ANTIQUES- 1 cylinder gas engine, wooden feed box, wagon wheels, barrels, antique washer, iron kettle, oak table, 2 platform scales, much more.

Terms: Cash, good check.

Absolute Auction- Owner reserves right to accept or reject real estate bid only. This is a large farm sale with good, clean equipment. Plan to attend, be on time.

ROGER & CINDY NEWMAN

RD #7 Somerset, Pa.
(814) 893-5653

Luce Auctioneers 412-926-4856
AU001976-L

Lunch Available

PUBLIC AUCTION

BAHN'S MILL
FLOUR, DOG & FEED MILL
REAL ESTATE
EAST OF WINDSOR (YORK CO.) PA
ALONG RT. 624.

MONDAY EVENING, JUNE 10, 1991 6:00 PM

6:00 PM MILL & ANIMAL SUPPLIES 6:00 PM

Safe, Oak & Glass Showcase, Animal Dust, Vegetable Dust, Weed Killer, Dog Bones, Horse Halters, Rabbit Dishes, Hitch Pins, Salt Blocks, Delcer, Horse Care Supplies, Typewriter, Bag Trucks, Platform Scales, Etc.

TERMS: CASH OR GOOD CHECK

6:30 PM REAL ESTATE 6:30 PM
"ABSOLUTE WITH BIDDING STARTING AT $30,000"

- Operating Flour Mill with 20,000 sq. ft., capacity of 15 ton of flour per day, Storage for 38 ton of Bulk flour, 4 Roller Stands.
- Grain Storage - 7 Large Steel Silos with Grain Legs & Augers, M & W 650 Dryer.
- Feed Mill & Warehouse - 8,000 sq. ft., capacity 12 ton per hour, Molasses Tanks, Hammermill, Mixers, Blenders, & Conveyors.
- Stone House is in Need of Repair.

This Real Estate is on 4,138 acres of land in Windsor Township, York Co., PA, and was operating in September of 1990. For more details phone 764-6412 from 8:00 am to 4:00 pm.

TERMS ON REAL ESTATE:
10% DOWN, BALANCE IN 45 DAYS.

SELLER:
Commonwealth National Bank

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Blaine & Nevin
Emigsville, PA
PA Lic. #761 & #2483

PUBLIC AUCTION

Furniture, Guns, Baseball Cards, Winross Trucks, Tools, Riding Mower, Household Items

Monday, June 3, 1991
5:00 P.M.

LOCATION: Brickerville Fire Hall, Brickerville, PA. Just Off Of Rt. 322 In Brickerville.

Dining Room Suite w/Hutch, Table, 4 Chairs; Wood Dinette Set; Piano; Camelback Trunk, Speed Queen Dryer; Chest of Drawers; RCA Floor Model TV; Desk, G E Window Air Conditioner, Cedar Blanketbox, Box Spring & Mattress, Christmas Tree & lights, Typing Table, Misc Chairs; Mixer; Blender; Tupperware, lamps, Convection Oven, Bread box, Small table, End Table, Picnic table; Kitchen Utensils, Ice cream freezer, Regulator Wall clock; Singer Treadle Sewing Machine, Singer Electric Sewing Machine with cabinet, Rocker w/inlaid Mother of Pearl, Suitcases, Books, Caneseat Rocker, Canning jars; Charcoal grill, 3 sleds, Push mower, hog trough, pump trough, old feed bags, approx 75 salt and peppers

GUNS

Winchester Model 12 16 ga , Winchester Model 61 22 cal pump, Winchester Model 42 410 ga pump, Mauser 98 1941-8m/m, U S Enfield 30-06, bolt

WINROSS TRUCKS

Myers Metered Gas, Binkley & Hurst, N G Hershey, Worley & Obetz, Bombergers, Kreiders Dairy, White Oak Valley, Sauders, Weaver Bros , M M Weavers, and others

BASEBALL CARDS, APPROX. 1,000 CARDS
8:00 P.M.

M Schmidt, Hank Aaron, Robin Yount, Lou Brock, Ernie Banks, Reggie Jackson, Nolan Ryan, Bob Gibson, Roberta Clemente, Tom Seaver, Johnnie Bench, Willie Stargell, Dave Parker, Tony Oliva, Sandy Koufax, Jim Palmer, Mickey Lolich, Steve Garvey, Mel Stottlemyre, Joe Morgan, Roberto Clemente, Williw McCovey, Willie Mays, Rod Carew, Jim Kaat, Brooks Robinson, Harmon Killebrew, and many others mostly late 60' and early 70's

Craftsman 14 hp. Riding Mower- 4 yrs. old
Hand tools- Hoe, scrapers, shearers; rakes, shovel, stepladder, saws; lots of small hand tools, hammers etc., ext. cords, B & D Trimmers; lawn chairs.

NOTE: ABSOLUTE AUCTION - All items sell to highest bidder. Terms- Cash.

Auction By:
Agent For Owners
Auction Managed & Conducted By
J.D. Stauffer Auctioneers AU-1509
Manheim, PA 717-665-5099

PUBLIC SALE

FINE HOLLAND STONE RANCHER, REAL ESTATE, H.H. GOODS

TUESDAY, JUNE 4, 1991
AT 4 P.M.
REAL ESTATE AT 7 P.M.
Located at 621 South State Street, Ephrata, Lancaster Co., PA.

HOLLAND STONE RANCHER
W/ATTACHED GARAGE
(Automatic Opener)
Call 733-3819 or 733-7473.

FURNITURE

FINE DINING ROOM SUITE; FINE FRENCH PROVINCIAL BEDROOM SUITE; Curio Cabinet; Cedar Chest; Desk; Boston Rocker; Sofa; La-Z-Boy.

APPLIANCES: Auto. Washer & Dryer; 30" Electric Stove; Refrigerator; Microwave; 25" Color TV; Sewing Machine; Electrolux; Lamps; Pictures.

CHINA: Smith & Taylor Dinnerware; Pressed & Patterned Glass; Brass Candle Stands; Cuckoo & China Case Clocks.

TOOLS: MACHINIST TOOLS; OAK MACHINIST TOOL CABINET.

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction service.

Terms By:
Alvin Flickinger
Anna M. Flickinger

HORST AUCTS.
T. Glenn
Timothy G
Thomas A
AU438L
(717) 859-1331 — (717) 738-1245
"VOICES OF EXPERIENCE"

"HORST AUCTION CENTER"

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, CAR
EPHRATA

Wednesday, June 5, 1991
AT 3:30 P.M.

Sale to be held at Horst Auction C .. ter, located at corner Rt. 322 & Durlach Roads, (approx. 2 miles West of Ephrata), Ephrata, Lancaster Co., PA.

FURNITURE

Oak Bowed China Closet; Chest of Drawers; Marble Top Dresser; Wash Stand; Wood Chest; Blanket Chest; OAK Table, Wash Stand, Dresser, Pressed Back Chairs; Hutch, Slant Top Desk, Drop Leaf Table; Arrow Back Chairs; Blanket Chest; Windsor Chairs; Spool Table; Marble Top Table; Rockers; One Drawer Stand; Tapered Leg Table; Child's Rocker; Living Room Suite; Desk.

APPLIANCES: Refrigerator; Freezers; Sewing Machine; Lights.

CHINA & GLASSWARE

R.S. Prussia; Ironstone, Flow Blue, Dillon & Canova China; Carnival Glass; Set of Noritake "Fairmont" China, Service for 12; Noritake & Nippon China, Butterfly Dish; Majolica Pitcher; Ironstone Teapot & Pitcher & Bowl; Early Adams Plate, Pressed & Pattern Glass; Candy Rabbit; Morning Glory China; Opalescent & Depression Glass; Bisque Figurines; Avon China; Chicken Tea Set; Redware; Dated Jars; Tin Coffee Pot; Slaw Board; Butter Mold; Flat Irons & Iron Fry Pans, Agate.

LINENS: HOOKED RUGS; Indian Rug & Blankets; Pin Cushions; Myrtle Tremblay Print; Post Cards; China Doll; Iron Book Ends; Cottage Door Stop; Mantel Clock.

TOOLS.

CAR: 1975 Plymouth Valiant 2 Dr. Sedan.

No out of state check unless accompanied by a current bank letter or prior arrangement with auction service.

Terms By:
Viola Landis Estate And Catherine Landis

HORST AUCTS.
T. Glenn
Timothy G.
Thomas A
AU438L
859-1331 — 738-1245
"VOICES OF EXPERIENCE"

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON JUN 3 - 1PM, 26 Acre Poultry Farm along Rt 897 W of Blainsport, Michael K and Cathy Leininger, owners, Paul E Martin Auction Service, Aucts

MON JUN 3 - 4 30PM, Tractors, Machinery, Tools, etc , located taking US Bus 15 1½ mi. S of Gettysburg, PA, turn onto Millersville Rd , go 1 mi and turn left onto Red Rock Rd , go 3/4 mi. to sale, Mrs Clement A Redding, owner, C David Redding, Auct

MON JUN 3 - 5PM, Furniture, Guns, Baseball Cards, Winross Trucks, Tools, Riding Mower, HH Items, located Brickerville Firehall, Brickerville, PA just off of Rt 322 in Brickerville, PA, J D Stauffer, Aucts and Agent for Owners

MON. JUN. 3 - 5:30PM, Antiques, Furniture, Personal Property, located at 1753 Quarry Dr , Columbia, PA, Estate of George Binkley, Gilbert and Gilbert, Aucts

TUES JUN 4 - 4PM, Fine Holland Stone Rancher, RE, HH Goods, located at 621 S State St , Ephrata, Lanc Co , PA, Alvin Flickinger and Anna M Flickinger, owners, T Glenn Horst and Sons, Aucts

TUES JUN 4 - 5 30PM Goodridge Farm Supply Complete Used Inventory Liquidation Auction, located Railroad Ave , Alexander, NY, Goodridge Farm Supply, owner, Roy Teitsworth, Inc , Aucts

PUBLIC AUCTION

ESTATE OF MELVIN H. SWAB, SR.

SATURDAY, JUNE 8, 1991
8:00 A.M.

Location: 116 West Broad Street, Elizabethville, Pennsylvania.

ANTIQUES & COLLECTIBLES

High Back Dry Sink; Original Grained Flour Chest; 4-Pc. Depression Era Bedroom Suite; Oak Dresser; Knee-Hole Desk & Treadle Sewing Machine; High Chest of Drawers & Wash Stand (both painted); Strip Carpet Platform Rocker; Clothestree; Lg. Asst. of Railroad Lanterns (never used); 2 Wall Telephones; Brass Candlestick Telephone; Assorted Telephone Parts; Electric Stove Counter-Top Coffee Grinder; Brass-Faced Scale; Assorted Kerosene Lamps; Railroad Caboose Light; Civil War Tin Canteen; Miner's Safety Lamp; Sadirons; Beam Bottles; Old Forester Whiskey Bottle; Weaver & Son Whiskey Jug; Early Redware Glazed Jug; Assorted Crocks; Beer Trays; Roseville Pitcher; Ned Smith Game News; Early Tax Collector's Records of Washington Twp.; Young & Sons Early Surveyor's Transom in Oak Case; Etc.

HOUSEHOLD & MISC. ITEMS

G.E. Stove & Apt-Size Refrigerator; Caloric Portable Dishwasher; Table w/4 Ladder Back Rush-Seat Chairs; 2-Pc. Living Room Suite; Recliner; Misc. Upholstered Chairs; 4 Ladder-Back Rush-Seat Chairs; Reproduction Boston Rocker; Folding Cot; Metal Filing Cabinets; Milk Glass Baskets; Reproduction Coffee Grinder; Anniversary Clock; Misc. Dishes, Pots, Pans & Sm. Appliances Including Electric Meat Slicer & Food Processor; Redwood Picnic Table w/Benches; Kenmore Twin-Burner Gas Grill; Metal Porch Glider & Lawn Chairs; Folding Aluminum Lawn Chairs; Porch Swing w/Buck; New, Never Used Items in Original Boxes - Portable Radios, Knife Sets, Sm. Aquarium, Beverage Servers, Measuring Cups, S/P Sets, Fishing Reels, Steel Batter Bowl, Butter Warmers, Safety Signal Lights, Hamilton Beach Blender, Electronic Bug Killers, Brass Wall Hangings, Captain's Bells, Etc.; Selection of Ice Chests - 2 Electric Coolatron; Snowshoes; Numerous Other Items.

1979 DODGE CUBE VAN (NEW ENGINE, BRAKES, WHEEL-BEARINGS, TIRES, REAR DOUBLE DOORS & RE-PAINTED)

GUNS

Stevens Model 73 .22 Cal.; Remington Model 33 .22 Cal.; Mossberg Model 185K-B 20 Gauge; Connecticut Valley Arms Reproduction 45 Cal. Black Powder Flintlock; Marlin Model 336SC 35 Rem. Cal.; Mossberg Model 80 410 Gauge; Savage Model 24B-DL 20 Gauge, 22 Magnum; Marlin Fire Arms Model 80 .22 Cal.; Wonder 12 Gauge Single Barrel Hammer Gun; Also, Misc. Hunting Knives & Binoculars. (GUNS WILL BE SOLD AT NOON)

TOOLS & MISC. ITEMS

Delta Electric Drill Press; Kwik-Way Valve Seat Replacement Tool; Acetylene Torches, Tips & Regulators; Assorted Hardware Items - Butt Hinges, Screws, Strap Hinges, Nails, Cotter Pins, Bolts, Washers, Etc Misc. Tools - Bolt Cutters, Pliers, Hammers, Screwdrivers, Augers Machetes, Bolt Saws, Electric Soldering Irons, Wood Planes, Open & Box-End Wrenches, Files, Rasps, Drill Bits, Honing Set for Wrist Pins Micrometers, Etc.; Lg. Selection of Electric Drills; Assorted Hand Garden Tools; Lg. Gasoline Chain Saw; Kurz Root Co 12.5 AMP 1 5 KVA Gasoline Generator; Lg. Selection of Metal Tool Boxes; New Items such as Spray Guns, Pipe Wrenches, Hand Saws, Truck Tire Tubes, Portable Extension Trouble Lights, Gloves, Sm. Cider Press, Etc.; Misc. Animal Traps; Lawn Wheelbarrow; Toro Snowblower; Sears Rotary Mower, 2-Wheel Dollies; 1-Man Gasoline Powered Well-Drilling Unit, Blacksmith Wedge w/Tools; Etc. (NOTE: THIS IS ONLY A PARTIAL LIST - IMPOSSIBLE TO LIST EVERYTHING! IF YOU NEED TOOLS & RELATED ITEMS, PLAN NOW TO ATTEND THIS AUCTION)

AUCTIONEER'S NOTE: AUCTION WILL BEGIN W/TOOLS AT 9:00 A.M. THE SECOND AUCTIONEER WILL BEGIN SELLING HOUSEHOLD ITEMS - DOUBLE SELLING MOST OF THE DAY!

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT w/ AUCTIONEER or PRIOR APPROVAL.

***TRUMAN M. SWAB, SR.,* Executor**
Terrence J. Kerwin, Attorney
Auctioneers: Dockey #AU229L, Dockey #AU1683L & Deppen #AU1957L

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUID. FOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758-9064

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

TUES JUN 4 - 8PM, 157 Acre +/- Farm, Adams County, 745 Ridge Rd, Gettysburg, PA, John R and Hallie M McFadden, owners, Trout Auctioneers, Inc, Aucts

WED JUN 5, Lambert Crest Beef Herd Dispersal and Sheep Auction, located Ulysses, Potter Co, PA, Pirrung Auctioneers, Inc, Aucts.

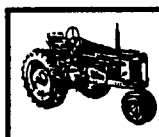
WED. JUN 5 - 8AM, Personal Property, at the Lemaster Community Center, Lemaster, Franklin Co, PA 13 mi SW of Chambersburg, PA, S Elizabeth (Mrs S Stanley) Hawbaker & others, owners, J Robert Meyers, Auct

WED JUN 5 - 9AM, Building Supplies, Tools and Hardware, New Roofing, at Good's Auction, 111 N Maple Ave, Leola, PA

WED JUN 5 - 9 30AM, Excavating Equipment, Misc Tools and Supplies, located in Comru Twp, Berks Co, PA, from Rt 222 in Shillington take Rt 724 to Rt 625 turn S on Rt. 625 app 1 mi to Church Rd, turn right, go app 9/10 mi to site, E. & W Excavating, owner, E M Murry Assocs, Aucts.

WED. JUN. 5 - 10AM, Flexographic Printing, located Chester, PA, Diaphane Corportation, owner, Vilsmeier Auction Co, Inc, Aucts

WED JUN. 5 - 3PM, Antiques, Exceptional Furn., Oriental & Oriental Type Rugs, Diamond Rings & Other Jewelry, Gold & Silver Items, Quilts, to be held at Redding Auction Service located taking Rt. 34, ½ mi. N. of Gettysburg, PA, bear right at Y & continue to Table Rock Rd., C. David Redding, Auct.

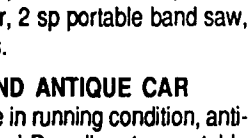


— FIRST ANNUAL —
CENTRAL BERKS COUNTY

★ FARM TOY SHOW ★

SATURDAY, JUNE 8, 1991

LOCATED AT: Leesport Market & Auction Banquet Hall
Leesport, Pa (Rt #61 approx 10 miles north of Reading)
Dealer Set Up . . . . . 7 00 AM to 9 00 AM
Show Open . . . . . 9 00 AM to 4 00 PM
Admission . . . . . $2 00 (children under 12 — Free)
Floor Rights $10 00
Table Cost (10') 1st Table $20, each additional table $18
Food Available On Premises
FOR TABLE RESERVATIONS CONTACT
GLENN JACOBY
215/488-6162 (5 PM-9 PM)
215/562-3747 (8 AM-4 PM)



BASEBALL CARD SHOW & AUCTION

RYAN, BENCH, CARLTON, MORGAN ROOKIES,

1910 Tobacco Cards, 1933 & 34 Goudey, 50's, 60's, 70's, 80's, 90's & Current Stars & Rookies.

SAT., JUNE 15, 1991
Show: 9 AM - 5 PM
Auction: 5:00 Sharp!
Dealer Spaces Available $20 per table
Call for Info: Jeff Whiteside
215-932-2114
TERMS: Cash or check w/ID.
Whiteside AU-2368-L

Reist Auctioneers

PUBLIC AUCTION

for

Mrs. Amandon (Elberta) Lamm
of Lebanon &
Mrs. Verna Smith
of Myerstown

SATURDAY, JUNE 15 at 9:00 A.M.

Mrs. Elberta Lamm's
VALUABLE REAL ESTATE - 13+/- ACRE FARMETTE
FOUR BEDROOM FRAME HOME - BARN
1,662 Ft. Frontage - Zoned Agr.
Real Estate offered at 12:00 NOON
ORIENTAL RUGS - FURNITURE
HOUSEHOLD & FARM RELATED ITEMS
CUB TRACTOR - POWER WOODWORKING TOOLS

Loc.: 666 S. 14th Ave., Lebanon, Avon area, S. Lebanon Twp., Lebanon, PA. Take Rt. 422 east thru Lebanon to Birch Rd. to auction on left. Watch for auction signs.

REAL ESTATE consists of a 13+/- Acres of level ground, corner of S. 14th Ave. & Birch Rd.; 2½ Story Frame home w/ Lg. Eat in Kitchen, Quaker Maid Cabinets, L.R., Study, Sun Porch, Pantry, 4 B.R's, Full Bath, Basement, Hot Air Heat, Elect. Water Heater, Well & Septic System, Full Attic; Alum. Siding; Frame 45' x 45' Barn w/ 18' x 45' addition, 1 Story Block Shop Bld. 24' x 45'; Excell. location, tillable land, orchard. Call Reist Auct. for more info. and terms. Inspect. by appointment. 717-560-9902, 569-2079. PERSON. PROP.: Farmall Cub Tractor w/ Cultiv., Plow, Cyclebar Mower, Spring, Disc, & Peg Harrows; John Deere 112 Riding Mower; Fruit Tree Sprayer; Wheel Horse Snow Plow; Potato Plow; Heavy Duty: Delta 10" Table Saw, Yates 14" Bandsaw & 6" Wood Lathe, Walker Turner 6" Jointer; Drill Stand; Vises; Work Benches; Bar & Parallel Clamps; Air Compressor; Sets of Lathe Tools; Lumber; 20' Alum. & Wood Exten. Ladders; Sunbeam Clip Master Clippers; Wooden Wheelbarrow; Corn Sheller; Straw Cutter; Hay Knife; Platform Scales; Reading Bag Wagon; Hog Troughs; Cast Iron Butcher Kettle, Furnace, Tripod and Fork; Strap Hinges; Bag Holder; Milk Cans; Coal Forge Blower; Wire Egg Baskets; 4 & 6 gal. Crocks; Pulley & Rope; Cook Stove; Trunks; Wooden Porch Set; Chicken Scales; Adult & Child's Picnic Tables; COLLECT.: ORIENTAL RUGS: THREE NICE PERSIAN THROW RUGS circa 1900; PEDDLE CAR STATION WAGON, Nice Dayton Cylinder Counter Scales; 6 Decor. Plk. Bott. Chairs; Bedroom Suites; Germ. Hanging Wall Clock w/ Chimes; OAK: Marble Top Dresser, Pressed Mantle Clock, Kitchen Table, Mission Style Settee; Singer Sewing Mach.; Play Pen on Wheels; Wooden Benches; Zenith Color TV; Kenmore Washer; GE Refrig./Freezer; Plant Stands; Cedar Chest; Apple Peeler; 8qt. Milk Cans; Lg. Enamel Coffee Pot; OAK LEAF QUILT; Blankets; Linens; FIESTA 7pc. NEST OF BOWLS: HUMMEL #24 LULLABY: WEDGWOOD Flow Blue Handless Cup, Saucer, Plate; Aurora Plates; Pink & Green Depres., Pressed; Phila. & Wash. D.C. Souvenir Ruby Stain pcs.; Roseville, McCoy, Noritake, Royal Alderley, Germ., & Ironstone pcs.; Advet. & Tin pcs. and more.

Mrs. Verna Smith's
FINE FURNITURE - ANTIQUES - COLLECT.

Lg. PETTIPOINT SAMPLER dated 1858 in Frame; Vict. Marble Top Walnut Table; Serpentine Slant Top Desk; School Master's Desk; FINE 3pc. WILLET CHERRY Bedroom Suite: High Poster Bed, Tall Chest, Dresser; Like New Floral Pat. Upholst. Sofas & Armchairs & 3 Pc. Patio Set; One Drawer Wash Stand; Dough Boxes; Lamps; Coffee & End Tables; Coffee Grinder; Breininger Plates; Steiner Pitcher; Shadow Box Picture Frame; Flow Blue Cup, Saucer & Lg. Bowl w/ inscript.; Soft Paste #20 Plate; Mikasa China Serv. for 8; Copper lustre Creamer, Cup; Milk Glass Mug w/ Peacock; Cut Glass Vase; Adams Bowl; Zamara Cup, Saucer, Plate; Celery Trays; Pressed, Carnival, Satin, Limoges, Panel & Stemware pcs; 1908 & '16 Dresden Calendar Plates and much more. Very clean lot of goods. Farm items sold lst; Antiques approx. 11:00; Oriental Rugs, Furniture after NOON. Lamm items sold lst; Smith items 2nd. TERMS: Cash, Approved Check; Cash for Rugs.

Atty.: Mr. George Christianson, Esq.
Christianson & Meyer, Lebanon, PA

Auction By:
Mrs. Elberta Lamm
Mrs. Ruth Bomberger, Daughter
Mrs. Verna Smith
Meridian Trust Comp.
Mrs. Laura J. Wozniski, A.O.

Auction Conducted By:
Reist Auctioneers - AU-1637-L
Al & Art Reist - 569-2079

PUBLIC AUCTION

MACHINE SHOP, SHEET METAL, FARM EQUIPMENT, ANTIQUE CAR & AUTOMOTIVE SUPPLIES

SAT., JUNE 8, 1991 AT 9:00 A.M.

Due to the death of her husband, the undersigned will offer at public auction the following located at ***2318 Cross Section Road.***

Directions: Off Route 140 midway between Westminster and Taneytown, take Tyrone Road 1.3 miles, left on Cross Section Road to sale.

MACHINE SHOP

Vari speed Bridgeport 42" table with travel dials, 2 Bridgeport vises, 8" angle lock vise, 90 degree head, Honeoye 30 ton ironworker like new cond with set new punches, large Buffalo ironworker, 2 Do All 16" bandsaws, large air compressor/80 gal tank, other compressor heads, 2 10" Logan metal turning lathes mounted on metal cabinet stands, one with turret tailstock and tooling, Frasse 10" metal lathe, jewelers lathe complete with collets mounted on 5 ft workbench, Do All bandsaw welder, 16" shaper and vise, Snow auto tapping machine, Buffalo and Walker turner floor model drill presses, 5 other floor model drill presses, Craftsman pedestal grinder, Diacro rod shear, #12 kick press, Dennision hydraulic multi press, abrasive cut-off saw (like new), band filing machine, table model filing machine, 3 large bench vises, dust collector, 6 punch presses ranging from 5 to 25 tons, 6x18 Walker magnetic chuck, large adjustable angle plate, box lots of thread, plug and ring gauges, large lathe chucks from 12 to 18" with D1-11 cam lock.

SHEET METAL

8 ft Chicago hand brake, 32" Niagara power shear, Tamco 36" foot shear. Hydraulic bender, large hand tubing bender, 2 ft hand brake, air operated corner notchers, 2 30" rollers, 2 coil stock feeders and rolls of new coil stock material, 24" hydraulic press brake, 4 air operated punch presses, lots of hand rollers and crimpers. The following are portable power tools: 3" belt sander, H.D. Stanley nibbler, circular saws, 2 hammer drills, B & D saber saw, B & D grinder, 2 sp portable band saw, many other power tools.

AUTOMOTIVE AND ANTIQUE CAR

1949 Plymouth Deluxe in running condition, antique dentist chair, tack and Dewell meter, portable engine stand, box lots of new and used auto supplies, new mufflers, old head lights, older car parts, air operated staple guns, tap and die sets, pipe threaders, ¾ drive socket set, Burndy 435 hydrapress, many boxes of other items.

FARM EQUIPMENT

New Holland #266 baler, 28 transport disk with cly., J.D. 3 pt 3B plow, J.D. 4 row corn planter, I.H. #6 hammer miller, J.D. corn sheller with elevator, 8 ft grain drill and J.D. rake, both as is, saw mandral with 24" blades and belts, nice old wooden incubator, cement mixer with motor, J.D. cylinders, M.F. wheel weights, 1 ton chain fall, 3 oxy-act. outfits, one with tank and cart.

Sale preview Friday, June 7, from 2 to 7 p.m.

Sale order: small items; 10:00 machine shop; 11:00 farm equipment and car. Because of the large amount of small items 2 auctioneers will be selling at one time.

Owner:
Clifton Davis (deceased)
Mary Davis

Auctioneers:
Jim Beaver (301) 857-9558
Ralph Schuchart

PUBLIC AUCTION

Saturday, June 8, 1991
8:30 A.M.

Location: 815 E. Market Street, New Berlin, PA 17855, at Sun Area Tech School, Rt. 304, Union County.

INDUSTRIAL SEWING MACHINES CUTTING AND PRESSING EQUIPMENT- HUGE ASSORTMENT OF MATERIAL, THREAD & SEWING SUPPLIES

INDUSTRIAL SEWING MACHINES

Following machines are 3 phase, can be - converted to 110 or air: Singer 451K31 Shirring; (4) Union Special 63400B Lockstitch; (2) Union Special 39500 Overlock; Union Special 57800 Multithread Collarette; Union Special, 63400 KB Y; (3) Rimoldi 327 Overlock, 2 w/Air Cutters; Singer 457 G 105 Zig Zag; (3) Singer 281-1 Lockstitch; Rimoldi 329 Safety Stitch w/Shirring; Singer 212G-140 Double Needle; Union Special 39500 Hemmer; *Reece S-3 Buttonhole w/Swivel Table (like new); Reece S-2 Buttonhole w/Swivel Base; Lewis 200-1 Buttonsew w/Clamps; VS Model 718C6 Blindstitch; Nysmac 52-12 Multi-Needle (like new); Juki LK 982 Bartacker (like new); Singer 450K 73 3-Thread Overlock w/110 Motor.

Following are heads only: Union Special 39600 Overlock; Union Special 63400 . - B. Lockstitch; Juki LU 563 Lockstitch; Union Special 56400 Double Needle; Many Parts and Needles for Above Machines.

OTHER EQUIPMENT

22 Metal Stands (18"w x 28"1 x 18"h); Approximately 24 Swivel Sewing Chairs; Knife Sharpener w/Parts; (3) Forms; Belt & Collar Turners; Oil; (5) 8 Bushel Dandux Hampers; Kennedy Tool Chest; Weights; Scissors; Nippers; Tweezers; Timing Gauges; Hemming Shells; Binders; Bate Eyelet Machine w/Eyelets.

CUTTING AND PRESSING EQUIPMENT

Model 5-74 Adj. Spreader; Maimin 5" Round Knife, 3-Phase; 6" Eastman Model 625, 3-Phase; 7" Maimin Cloth Drill, 3-Phase; (4) 2" Rotary Cutters; Cutting Table (66"w 16'1);10' Feed Rail & Connectors; Parts and Sharpening Belts; Shade, Pattern, Marker Paper; Lemon Oil; (2) Pressing Set Ups, Complete, Sussman 68 Hi-Flo w/46 Iron; New & Used Sussman Irons; Iron Shoes; Model AR 5 Electric Steam Boiler.

MATERIAL, NOTIONS AND THREAD

Hundreds of Bolts and Yards of Assorted Materials; Rib Knits, Corduroy, Denim, Fun Fur, Wool, Knits, Flannel, Broadcloth, Cottons, Polyester, Fusible Interfacing; Huge Assortment of Zippers; Buttons; Elastic; Lace; Ribbon; Rickrack; Over 200 Cases Thread, Assorted Colors and Types; Also Many Opened Cases; Lighted 3-Way Mirror Unit 7' High: Work Tables: Garment Racks w/ Wheels; Plus Many Other Items Pertaining to the Garment Industry, Majority in Good to Excellent Condition.

INSPECTION: June 4 & 6 • 9:00-11:30 A.M. and 1:00-3:00 P.M.
TERMS: Cash or PA Check
LUNCH

OWNER:
Sun Area Technical School
Mark J. Jones Auctioneering Service
Phone (717) 286-0052 • License #AU1595-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED JUN. 5 - 3:30PM, Antiques, HH Goods, Car, at Horst Auction Center, at corner Rt. 322 and Durlach Rds, Ephrata, PA, Viola Landis Estate, Cathrine Landis, owners, T. Glenn Horst and Sons, Aucts.

WED JUN. 5 - 5PM, 45 Lawn & Garden Tractors, Hay Tools, Trucks, Tractors, located at Teitswrth Auction Yard, Groveland, NY, Roy Teitsworth, Inc., Aucts.

WED. JUN. 5 - 6PM, Wholesale Wood Furn. & Craft Items Auction. A.&C Diffenbach Auction Inc., 100 W. Jackson St, Box 186, New Holland, Pa. 17557.

WED. JUN. 5 - 6PM, 12.5 Acres Woodland, located between Gluft Rd. and Yellow Mountain Rd., Millcreek Twp, Lebanon Co, PA, Q. LaVern Zwally and Magdalena K. Zwally, owners, T. Glenn Horst and Sons, Aucts.

WED. JUN. 5 - 6PM, Haymake Special Consignment Sale held at our farm along Kepner Hill Rd, 3 mi. E. of Muchy, PA, Fraley Auction Co., Aucts.

WED. JUN. 5 - 7PM, Real Estate-2 Parcels, 3 2 Acres and 3.125 Acres, located Adams Co., off Rt 234, turn S on Peepytown Rd, go to 1st road, right, Green Ridge Rd., 1st place, Kevin and Karen Holtzinger, owners, Rentzel's Auction Service, Aucts.

WED. JUN. 5 - 7PM, Antique Gun Auction, at Comfort Inn, Lancaster, PA, C. Culver, Auct.

WED. JUN. 5 - 7:30PM, Beef Herd and Sheep Auction, located Ulysses, Potter Co, PA, Lambertcrest Farms, owners, Pirrung Auctioneers, Inc., Aucts.

THURS JUN. 6 - 3PM, Antiques, located 1 1/10 Mi. N. of Manchester, PA along Rt. 181, turn right at Gray Rock, Rentzel's Auction Service, Aucts

THURS. JUN. 6 - 4.30PM, Farm Tractor, Farm Implements, Tools, HH Goods, Furniture, etc, located 1748 Mapledale Rd., Elizabethtown, PA, Mae See, owner, Hardy Auction Service, Aucts.

THURS. JUN. 6 - 5:30PM, Mobile Home on Lot & Personal Property, located at 8 W. Water St, Honey Brook Boro, Chester Co, PA, Morris Zook, Sr. Estate and Nancy Zook, owner, Horning Farm Agency, Aucts.

THURS. JUN. 6 - 6:30PM, RE, HH Goods, 8HP Wheelhorse Mower, located at 5667 Lincoln Hills Dr, Gap, PA, Lanc Co., M Wayne & Sherry Martin, owners, Ron Funk and Gordon Hessler, Aucts.

FRI. JUN. 7 - 9AM, Farm Equipment Auction. A.&C Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa 17557

FRI. JUN. 7 - 10AM, Late Model Equipment & Trucks, located Finksburg, MD, B Frank Joy Co., Inc and others, owners, Wolf Industrial Auctions, Aucts.

FRI. JUN. 7 - 3:30PM Sharp! Antiques, Tools, HH Items, to be held at Brickerville Fire Hall, just off of Rt 322 W. of Ephrata in the village of Brickerville, PA, Verna Hively and David & Lydia Obertholtzer and others, owners, Paul Snyder, Auct.

FRI JUN. 7 - 4PM and SAT. JUN. 8 - 8:30AM, 2 Day Public Auction of Ammo, New & Used Gun Parts, Guns & 30 Gun Safe, Knives, Posters Silver Dollers, etc. and Real Estate-1.2 Acres, Garry Gipe, owner, Fahnestock's Auction Service, Aucts

FRI JUN 7 - 4:30PM, Antiques, HH Goods, located at 127 Liberty St, Lititz, PA, Mable M Brubaker, owner, E M Murry Assocs, Aucts

SAT JUN 8 - 8AM, Antiques, Collectibles, HH and Misc Items, Guns, Tools & Misc Items, Estate of Melvin H. Swab, Sr., Lee D Dockey, Auct.

SAT. JUN. 8 - 8:30AM, Real Estate, Antiques and Personal Property, at 1215 N. George St, York, PA, Melba H. Myers Estate, Gilbert and Gilbert, Aucts.

SAT. JUN. 8 - 8:30AM, Industrial Sewing Machines, Cutting and Pressing Equip, Huge Assortment of Material, Thread and Sewing Supplies, located 815 E. Market St, New Berlin, PA 17855, at Sun Area Tech School, Rt 304, Union Co, Sun Area Technical School, owner, Mark J Jones, Auct.

SAT. JUN. 8 - 9AM-4PM, 1st Annual Central Berks County Farm Toy Show, located at Leesport Market & Auction Banquet Hall, Leesport, PA, Glenn Jacoby, Mgr

SAT. JUN. 8 - 9AM, 48 Acre Berks Co Farmette, Ford 1310 4WD Diesel Tractor, Case 310 Crawler w/Backhoe, Tools, Dump Truck, etc, located along Berks Rd, Maidencreek Twp, Berks Co., PA, Stewart J Pawling Estate, Dennis F Wagner, Auct

SAT JUN. 8 - 9AM, Combine, Farm Equip, Collectibles, Misc, Antiques, HH Goods, located from Rt 74 at Nellie's Restaurant take the Davidsburg Rd. N. approx 7.5 mi past St. Paul's Red Run Church & turn onto Red Run Valley Lane, Estate J R. Deardorff, Melvin Haines and Ralph Brenneman, Aucts

SAT JUNE 8 - 9AM Sharp! Lovely Country Home, Wood Power Shop Machines, HH Goods, Garden Tractor, Motocycle, Many Assorted Tools, Etc, located in Adams Co, PA, take Rt 234 ½ mi. W of East Berlin, then turn N on Germany Rd. 1 mi to Stoney Point Rd, thence E ¼ mi Donald L Rosenzweig, owner, Clair R Slaybaugh, Auct

SAT JUN. 8 - 9AM, HH Goods, Antiques, Guns, Toys, Tools, located at the R-Own-Dairy Building, Halifax, RD 2, PA, Estate of Lee Noblit-Deah Straw, owner, Deibler and Shoop, Aucts

SAT JUN 8 - 9AM, Antiques, HH Goods, Tools, located at 64 Scenic Dr., East Cocalico Twp, Lanc Co, PA, Bernic Schoenherr Est, T Glenn Horst and Sons, Aucts

SAT JUN 8 - 9AM, Machine Shop, Sheet Metal, Farm Equip, Antique Car & Automotive Supplies, located at 2318 Cross Section Rd off Rt 140 midway between Westminster and Taneytown, MD, Clifton Davis (deceased) and Mary Davis, owners, Jim Beaver and Ralph Schuchart, Aucts

SAT JUN 8 - 9AM, Trucks, Trailers, 4x4 Parts, Metal Lathes, Welders, Tools, Lumber, Fencing, located take Rt 125 N through Pine Grove, PA, to Sweet Arrow Lake Rd, turn E proceed to Mountain Rd, turn left, proceed 1½ mi to auction on left, Spatz Hydraulics, owners, Robert W Derfler, Auct

SAT JUN 8 - 9AM, Valuable Personal Property, held at the Roush residence located between Garman's Funeral Home and Emmanuel U M Church, Mt Pleasant Mills, PA, 5 mi S of Middleburg or 12 mi W of Selinsgrove along Rt 35, Harold and Elsie Roush, onwers, Earl W Eash, Auct

SAT JUN 8 - 9:30AM, Equipment, Trucks, Vehicles, located Astoria, NY, Consilidated-Edison, owner, Vilsmeier Auction Co, Inc

SAT JUN 8 - 9:30AM, Machine Shop and Sheet Metal Equipment, located 3625 Horizon Dr, Lancaster, PA, Horizon Industries, owners, Sanford G Leaman, Aucts

SAT JUN 8 - 9:30AM, HH, Antiques, Oak Furn, China Closet, Hoosier Cabinet, Roll Top Desk, etc, located 20 mi N of Allentown, 6 mi W of Lehighton off Rt 433 in the Mahoning Valley Firehall, Carbon City, PA, Curtis and Maraline Eberts, owners, Houser Aucts

SAT JUN 8 - 9:30AM, Pine Corner Cupboard, 4 Other Cupboards, Antiques, Primitives, 1984 & 1971 Grain Body Trucks, located Califon, NJ, Mr Terry Hoffman, owner, Arthur Hanna, Auct

SAT JUN 8 - 10AM, RR & Maint of Way Equip, Constr/Excavating Equip, Trucks, Vehicles, Boats, Industrial Maint Equip, located Bear, DE, Guardian Management Co, owner, Vilsmeier Auction Co, Inc

SAT JUN 8 - HH 10AM and RE 1PM, 7 Acres, Antiques, HH Goods, located 528 Snyder Hollow Rd New Providence, PA, Carl G Aukamp Estate, Kreider, Kline & Good, Aucts

SAT JUN 8 - 10AM, Dispersal of Ecrets Corner Attic, Large Assortment of Glassware, Artwood, Collec Tins, Baskets, etc, located Rt 49, Pennsville, NJ, By George Auction Service, Aucts

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PUBLIC AUCTION

FARM MACHINERY HOUSEHOLD GOODS

FRI., JUNE 14, 1991

10 A.M.

Location: Take Rt. 272 South of Lancaster, Pa. 8 miles, turn East on Pennsy Rd. to Sawmill Rd. ½ mile to sale on right. Or 6 miles North of the Buck. Rt. 272, turn East on Pennsy Rd.

WD Allis Chalmers w/loader, mower, plow & 6 ft. blade; WC Allis Chalmers; tractor chains; disc harrow; corn sheller; corn knife; 2 elec. fencers; blacksmith box; 4 can's roof coating; 3 trussels; nail kegs; nail box; steel bits; tool box & tools; log chain; floor & barn jacks; scissor jack; come-a-long; wheels for Chevy, 8 lug; 2 bucket seats; Honda motorcycle; Snapper riding mower.

3 & 4 Pc. Waterfall bedroom suites; dbl. maple bed; cedar wardrobe; 2 pc. liv. rm. suite; desk; uph. chair; recliner; 2 metal kitchen cabinets; refrig.; gas stove; chest freezer; 7 pc. breakfast set; electrolux sweeper; Singer sewing machine.

Items to numerous to mention. NO OUT OF STATE CHECKS. Refreshment available.

Auct.'s Conducting Sale: Lloyd Kreider, AU000513L, 717-786-3394, Randal Kline, Roy Good.

TERMS BY

KENNETH A. & VIVIAN M. DANZ

Kline & Kreider Auctioneers

PUBLIC AUCTION

OF TOYS, TRAINS, ANTIQUES, GLASS, HOUSEGOODS & FURNITURE

ROY C. & SON PROBST Auctioneers

SAT., JUNE 8, 1991

@ 9:00 A.M.

Auction to be held in the Millersville Fire Hall, 25 E Charlotte St., Millersville, PA

APPLIANCES, FURNITURE: Fine oak buffet, fine grained jelly cupbd, etc.

LIONEL TRAINS: **Std. Ga.:** #384 engine & tender, 215L tanker, #216 coal, #513 cattle, #211 lumber, #514 reefer, #517 caboose, floodlight car, #512 gondola, #442 diner, #144 scales, #163 Freight Station, #205 merchandise containers, #219 Derrick, #115 Station, #155 Illum. Train shed, 45N gateman, #440 signal bridge, sev. lamp posts, whistle controller, hand-opera. switches, lot track **O Ga.:** #299 W/ Passenger Train Set Misc train tables, other layout items, etc., etc

TOYS: Fine Mills Little Monte Carlo 1¢ slot, Tootsie Toys metal passenger & freight train sets, early cars & trucks, fine small Arcade Cast pick-up trk, pumper, ladder truck, dump truck Lot & lot of wh metal, cast & rubber toy soldiers, cowboys & Indians, lot celluloid animals, Walt Dis Jap fig, lot small German figs, Lincoln Logs, German dominos, sm German, china & Jap. fig, lot small German figs, Lincoln Logs, German dominos, sm German, china & Jap figs, etc

GLASSWARE & CHINA: **Shirley Temple:** (6), mugs, pitchers & bowls, etc

ANTIQUES & COLLECTIBLES: Waterbury mantel clock, Cowden & other misc crocks, **Iron:** lg Enterprise floor coffee mill, **Tin:** heart cheese mold, ladle, Mussers' chips, **Wood:** Sensenig airplane prop, 3-prong forks, early egg mail crate, apple but str., **Sterling:** (4) salt shkrs, (6) sm spoons, nut spoon, **Post Cards:** Local, German, Raphael Tuck, St Nick's, etc.

LINENS, HOUSEHOLD GOODS, LAWN EQUIP. & TOOLS.

Partial listing Food served No out of state checks

Sale By

WILBUR & DORIS HERR

ROY C. PROBST, AU000730L
& ERIC R. PROBST,
Auctioneers, 464-3190
464-3700

Public Auction

EXCAVATING EQUIPMENT, MISC. TOOLS & SUPPLIES

JUNE 5, 1991

9:30 A.M.

Located In Cumru Township, Berks County, Penna. From Rt. 222 In Shillington Take Rt. 724 To Rt. 625 Turn South On Rt. 625 App. One Mile To Church Road, Turn Right, Go App. 9/10 Mile To Auction Site.

Watch For Sign At Church Road

Items Consist Of 1923 Ford Street Rod "Nice", 655B. J.D. Front End Loader 2 Yd. Bucket, Enclosed Cab (Recent Overhaul), 450C J.D. Dozer 4400 Hrs., 655A Ford Backhoe 4 Wh. Dr. Extended Hoe, 1987 C830A Hyster Roller 20 Ton Vibratory Compacted Dirt Roller Smooth Drum 1300 Hrs. M/L, 1988 Mack Axle Dump Truck 9 Sp. 350 Engine After Coller, Road Ranger, Turbo Charger, Jake Brake, Ac. Double Tanks, 16' Heated Aluminum Box, 73,000 GVW, 1978 Mack 10 Wheeler Dump Truck 6 Sp. 250 Engine, 44,000 Rear, Galion Body, 1977 Mack Tractor w/300 Engine, Turbo Charger, 5 Sp. Wet Line, Jake Brake, Smithco 35 Ton Low Boy Trailer w/Slack Adjusters Gas Pony Engine, 1961 Mack Dump Truck, 1970 Dodge Truck Dual Wheel w/Cube Box 11,000 GVW, 1981 Ford 350 4x4 Pick-Up Truck, 1979 Ford 150 4x4 Pick-Up Truck, 1981 G.M.C. Pick-Up Truck, 2, 7' Snow Plows, Heads for J.D. 450 Dozer Engine, J.D. Backhoe Buckets 1-24", 1-12", Ford Backhoe Stone Bucket, York Rake, New Radiator For 1988 Pick-Up Truck, Hammer Points For 690 Hammer BH620, Wesco Pump-Electric, 8' Utility Pick-Up Truck Bed, Manhole Lift Bar & Chains "Certified", Various Chains And Binders Hyd. Hoses, Variety Filters, Starting Fluid, 8" Pipe Plugs, 2-750 Gal. Fuel Tanks w/Pumps, Various Parts, Hoses, Fuel Cans, Silt Fence App. 70 Rolls, J.D. O-Rings Kit Welding Eqpt., Lawson Nut & Bolt Bin, 5 Pcs. 15"x8' Concrete Pipe, Various Small Items Not Listed.

Terms: Payment In Full Day Of Sale In Cash Or Guaranteed Funds, No Exceptions Please. Note: All Announcements At Auction Site Will Supercede Any Printed Matter Or Publication That Has Been In Advance Of This Auction Sale.

Auction For:

E&W EXCAVATING

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

PUBLIC AUCTION

MACHINE SHOP EQUIPMENT- OFFICE EQUIPMENT- SCHOOL SUPPLIES

WED., JUNE 19, 1991

9:00 A.M.

YORK COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL
2179 SOUTH QUEEN STREET, YORK, PA.
TAKE INTERSTATE 83 TO EXIT 6, SOUTH TO 1ST LIGHT & TURN LEFT, SCHOOL ON RIGHT HAND SIDE, SALE HELD IN REAR.

Drafting Table, Bridgeport Mill Model #1095, Lincoln Welders, 10 Linde Mig Welders, 20" Delta Band Saw, W-T Multi Head-4 Drill Press & Table, Turrent Lathe, W & S Lathe Model #24, Bradford Lathe, Clausing-Colchesters, Boice Crane Drill Press, Delta Drill Press, Pedestal Grinder, Surface Grinder, Royers Ford Press, Band Saw, Cutting Table, Jig Saw, Sanders, 10" Radial Arm Saw, Proof Press, Typesetting Cabinet & Trays, Typewriters, Saw, Cable, Metal Channels, Ventilation Fans, Hoist & Frame, Bender, Blackhawk Frame Straightener, Yazoo Riding Mower, Snow Blower, Assorted Circular Saws, Hand Drills, Router, Hitachi Electric Saw, Kwik Way Valve Refacer, Parts Cleaner & Tank, Floorkeeper, Sun Tester, Battery Charger, 60 Ton Press, Flow Meter Panel, Bacharach Pump Tester, Hydraulic Hoist, Air Jack, Armature Lathe, Welding Supplies, Spot Welder, Electric Lift, Steam Cleaner, Marquette Engine Analyzer, Rope, Wooden Tables, Benches, Cabinets, Floor Jacks, Plastic Bins, B & K Generators.

Portable Blackboard, Stools, Cash Registers, Adding Machines, Typewriters, Paper Cutter, File Drawers, Water Coolers, TV Camera, Whirlpool Tub, Treadmill, Metal Partitions & Doors, Wooden Doors, Sears Washer & Dryer, 3' & 7' Electric Wall Heaters, Ice Machine, Data Readers, TRS 80 Computers & Controllers, Meters, Simulators, Wards TV, Manicure Tables & Stools, File Cabinets, Memory Typewriter, Floor Safe, Lockers, Freezer, Metal Shelving, School Desks, Blackboard & Corkboards, Electrical Parts, Print Dryer, Photo Enlarger, Chairs, Trays, Hot Plates, Hobart Mixer, Books, Books, Books, & More Books.

ALL ITEMS ARE SOLD "AS IS"

TERMS: CASH OR GOOD CHECK

SELLER:

York County Area Vocational Technical School

2179 South Queen Street, York, PA

AUCTION CONDUCTED BY:

Rentzel's Auction Service
Blaine & Nevin
Emigsville, PA
764-6412
PA Lic. #761 & #2483

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT JUN 8 - 10AM, Federal & State Surplus Property, located at 22nd & Forster Sts, Harrisburg, PA, directly behind State Street Beer & Soda Warehouse, Kerry Pae Auctioneers, Aucts

SAT JUN 8 - 10AM, Personal Property, take Rt 82 N of 322 to Rt 345 and follow to sale or off Rt 23 take 345 S and follow to sale, Elizabeth Miller, owner, Kenneth Gnest and John Stoltzfus, Aucts

SAT. JUN 8 - 11AM, Brick Split Level on 1 5 Acres, located Rt 23 Morgantown, turn at Old Village Inn onto Mill Rd, go approx 1 mi bear left at Y, go ½ mi to property on the left, Caernarvon Twp, Berks Co, Robert & Janelle Nissley, owners, Horning Farm Agency, Inc, Aucts

SAT JUN 8 - 11AM, 9 Choice Building Lots in Briar Lane East, located between Reinholds and Sinking Springs, on Ridge Rd, approx 1 5 mi E of Reinholds, Eugene K Martin and Linda S Martin, owners, Paul E Martin Auction Service, Aucts

SAT JUN 8 - 1PM, Real Estate, 7 6 Acre Farmette, HH Goods, Misc Items, located from Red Lion go S on Rt 74 approx 6 mi and turn right on Waughtel Rd and go approx 1 mi to corner of Waughtel and Felton Rds, Sharon Smith and Edwin Forrest, owners, Preston E. Chronister & Sons, Aucts

MON JUN 10 - 6PM, Flour, Dog & Feed Mill, Real Estate, located E fo Windsor (York Co), PA, along Rt. 624, Commonwealth National Bank-Seller, Rentzel's Auction Service, Aucts

MON JUN 10 - 6PM, Bankruptcy Auction-Real Estate, located at 1000 & 1020 Flowers Lane in Marysville, PA, Kerry Pae Auctioneers, Aucts

MON JUN 10 - 7 30PM, 7 Acres, Bungalows and Mobile Homes, located 1 mi N of Rt 23 along Rt 82 and Park Ave in the Boro of Elverson, Chester Co, PA, Philip & Melissa Horning, owners, Horning Farm Agency, Inc, Aucts

TUES JUN 11 - 1PM, Marshal's Sale of Property located at RD 2, Box 195A, Reynoldsville, PA, Eugene V. Marzullo, United States Marshal

TUES. JUN. 11 - 7PM, 55 Acre Dairy Farm, located in Salisburg Twp, Lanc Co, PA, Rachel Stoltzfus, owner, Steve and Steve, Jr Petersheim, Aucts

WED. JUN 12 - 2PM, 97 Acres M/L Tobacco, Steer & Hog Farm, located along Lauschtown Rd, Brecknock Twp, Lanc Co, PA, L & B. Land Co, owners, T Glenn Horst and Sons, Aucts

WED JUN 12 - 6 30PM, Guns & Winross Truck Auction A &C Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa 17557

THURS JUN 13 - 4PM, 1 AC M/L Real Estate, Antiques, HH Goods, Coins, locatd 1487 Bnertown Rd., East Earl Twp, Lanc Co., PA,I J Water Haas Estate, T. Glenn Horst and Sons, Aucts.

THURS. JUN. 13 - 7PM, Real Estate-2.1 Acre Farmette w/Grocery Store, 2½ Story Frame Home, 1952 Dodge Pickup, 1984 Plymouth Reliant, located 5 Pinnacle Rd., Martic Twp., Lanc. Co, PA, Mr. and Mrs. George J Crnkovic, owners, Howard Shaub, Inc, Aucts

FRI. JUN. 14 and SAT. JUN. 15, 7th Annual Bedford Co Beef Preview Show, Bedford Fairgrounds.

HILLTOP ROAD FARM

PUBLIC AUCTION

JULY 27, 1991
12:00 NOON

NORTHERN LANCASTER COUNTY REAL ESTATE AUCTION
Hilltop Road, Manheim
Rapho Township, Lancaster County, PA

DIRECTIONS: at exit 20 of the Penna. Turnpike, go south on Rt 72 for 8/10 of a mile and turn right onto Cider Press Road, Follow Cider Press Road 1.3 miles and turn left onto Hilltop Road, follow Hilltop Road ½ mile, see farm on right. See auction signs.

THE FARM WILL BE SOLD AS FOLLOWS:
LOT #1 - is a 2.98 acre homesite with 176 feet of hard road frontage along the west side of Hilltop Road, Soil testing has already been conducted for a standard septic system. This beautiful homesite is partially wooded and partially open with a gentle slope and a stream.
LOT #2 - is a 4.53 acre tract improvements thereon being a 2½ story frame farmhouse with hard asbestos siding and metal roof. The first floor has kitchen, 2 other rooms and a ¾ bath, the second floor has 3 bedrooms and ¾ bath, attic, dirt basement, oil warm air heat, electric hot water heater. There is also a small barn with metal shed roof, drilled well and on site septic. Lot #2 has 489 feet of hard road frontage along the west side of Hilltop Road.
LOT #3 - is a 2.21 acre homesite with 269 feet of hard road frontage along the west side of Hilltop Road, soil testing was already conducted for a standard septic system. This nearly level homesite has an apple orchard on it and a scenic view of the countryside.
LOT #4 - is a 10.58 acre homesite, soil testing has already been conducted for a sand mound septic system, this very private homesite is about ½ wooded with mature tall trees and 2 small streams. There is a beautiful elevated area for the homestead and about 6 acres of cropland area, southern exposure, all 4 parcels are zoned rural, which allows horses and animal husbandry.
HILLTOP ROAD FARM - is further described in Deed Book 2842 Page 152 in the Lancaster County Recorder of Deed office.
DEED RESTRICTIONS - No high intensity agriculture, no mobile homes, modular homes or basement homes.
TERMS: 10% down on the day of the sale, balance due in 45 days at final settlement.
INSPECTION: By calling auctioneers or 1-(717) 665-2636
OPEN FOR INSPECTION - INSPECTION DATES - June 29 from 10:00 AM to 3:00 PM & on July 13 from 10:00 AM to 3:00 PM
CONDITIONS BY: J. David Young, Jr., Esq. - Agent for the owners.
2% BROKER PARTICIPATION INVITED
*****Announcements made the day of the sale take precedence over advertised matter.***
ABSENTEE BIDS - May be mailed to Nelson Ebersole, 30 West Main Street, Annville, PA 17003, with 10% deposit. The deposit will be promptly returned 7-27-91 if out bid or unacceptable.

AUCTION CONDUCTED BY

Ebersole & Shoop, Auctioneers

Nelson L. Ebersole
Lic# AU-001307-L
Phone: (717) 867-5221
Fax: (717) 867-5606

Ira R. Shoop
Lic# AU-0011631-L
Phone: (717) 534-2030

Public Auction

of Valuable Real Estate Antiques & Personal Property

on

SATURDAY, JUNE 8, 1991
at 8:30 A.M.
At 1215 North George St., York, PA.

Auction for the Melba H. Myers Estate

Not responsible for accidents on day of auction.
Terms: Cash or approved check.

GILBERT & GILBERT AUCTIONEERS

PUBLIC AUCTION

Dave Deibler & Ed Shoop

Saturday, June 8, 1991
at 9:00 A.M.

Located at the R-Own-Dairy Building, Halifax, R.D. #2, Pa., one mile east of Matamoras off Rt. 225 at the north end of Matamoras, approximately 14 miles northeast of Harrisburg, Pa. on Rt. 225 N. Watch for signs the day of sale.

HOUSEHOLD GOODS & ANTIQUES

Teak Wood 6 ft. Break Front China Closet with Top Glass Doors (Very Ornate); Ridgeway (Cherry Cabinet) 6 ft. Moon Face Grandfather Clock; 4 Pc. Pa. House Style Walnut Bedroom Suite; 2 Curio Lighted Cabinets with Mirrors (like new); Mahogany Marble Top Table; Electric Hammond Organ; Zenith 25" Color Console TV; 4 Pc. Heavy Maple Bedroom Suite; 2 Pc. Living Room Suite; Box Spring & Mattress (like new); Knee Hole Desk; Magnavox Stereo; 3 Sided Glass Show Case; Lane Cedar Chest; 4 Maple Captain Chairs; Frigidaire 30" Electric Stove; G. E. Automatic Washer; Montgomery Ward 13 Cu. Ft. Chest Freezer (like new); Window 6000 BTU Air Conditioner; Kenmore Portable Sewing Machine; Corona Kerosene Heater; 2 Tier End Table; Metal Wardrobe; Metal Filing Cabinet; 4 Pc. Wrought Iron Patio Set; 2 Large Cement Flower Planters; Metal Lawn Chairs; Seth Thomas Mantel Clock; Opalescent Electric Lamp; Brass Lamps; Hoover (80) Upright Sweeper; Large Gold Leaf Frame with "Golden Surf" (by Robert Wood) Painting; F.M. Benett Early Colonial Wall Picture; Oriental Frame Paintings on Canvas; 3 Thailand Temple Rubbings in Frames; Table Top Wooden Shaving Mirror; Bed Linens; Oriental Jewelry Boxes; Silver Plated Coffee Pot; Water Pitcher; Bread Plate & Etc. Service for 8 Ironstone China; Stemware Goblets & Sherbets; Water Sets; Many Misc. China Pieces and Glassware; Electric Appliances as: Mixer, Toaster, Coffee Maker, Frying Pan, Ice Cream Freezer; Misc. Cooking Utensils; Home Interior Pieces; Approx. 50 Avon Bottles (most full and in original boxes); Brass Pieces and Many other items. Plus many Books, Magazines, Documents, Newspapers and collectibles continued from May 11 sale.

GUNS

Ceco Model 1919 22 Cal. Single Shot Bolt Action Rifle; 2 Iver Johnson Arms Co. 32 Cal. Revolver in original box; Odd Fellows Ceremonial Sword & Shield; 10 Pc. Coin Set & Simulated Coins Framed.

TOYS

Nylint #2201 Michigan Steam Shovel on Truck in Original Box; Structor 24" Tin Cattle Truck; V.F.D. #9, 24" Tin Fire Truck; Buddy L. (#1477) 24" Wild Animal Circus Truck in Box; Tonka #48 Hydraulic Ladder Truck in Box; Japan Tin Tinkling Trolley #3754; Pioneer Express #5111 Tin Train Engine; Clang Clang Tin Locomotive by Marx; Continental Blue Locomotive #4018; 1904 Spyher #275 Tin Car; Tonka Tin Cattle Truck; Wooden #5150 Miniature Submarine; Oriental Soap Stone Chest Set in Wooden Case; Pony Cap Pistol & Holster; Tonka & Tootsie Toys; Cast Iron Horse Drawn Fire Engine & Ladder Wagon; 5 Cast Iron Horse Drawn Circus Wagon; Fire Engine & Ladder Wagon; Miniature 24" Copper Railroad Water Tower; 5 Cluster Oriental Dolls; Tin Arrow Quiver; Canadian Mounted Rocking Horse; Flexible Flyer Snow Sled and others.

TOOLS

2 Carpenter Tool Boxes; Large Wooden Wheelbarrow; Mortised 4 Handle Carrying Frame; Bob Sled; Numerous Wooden Block Planes; Small Broad Axe; Large Wooden Scribe; Meat Saws; Meat Hooks; 3 Meat Cleavers; 2 Prong Butchering Meat Fork; Wood Auger; Wooden Vises; Wooden Rake; Buck Saw; Cross Cut Saw; Post Hole Axe; Drawing Knife; Rail Drawing Knife; Ranchman Hammer; Shoe Lathe; Cobblers Hammer; Blacksmith Hammer; Garden Tools as: Shovels, Rakes, Hoes, Digging Irons, Forks, Tree Pruner, Scythe, Picks, Log Splitting Wedges, Axe; Murray 22" Rotary Lawn Mower (like new); Shoulder Tank Sprayer; Tru Temper (770) Cordless Weed Wacker; Small Carpenter Tools as: Saws, Levels, Caliber Set, Brace, Bits, Claw Hammers, Chisels, Pipe Cutter, 18" Pipe Wrench; Weller Electric Soldering Gun and others. 24 ft. Aluminum Extension Ladder; 24',28',36' Wooden Extension Ladders; 6' Wooden Step Ladder; 3 Wooden Canal Rudders; Large 30" Dia. & 4 ft. Long Wooden Barrel on Pivoting Stand; 30" Dia. Wooden Mill Wheel; Advertisement Timothy & Burlap Bags; Numerous Panel Doors of all sizes; Wooden Shutters; Window Panels and other Wooden Trim and Pieces and many other items.

AUCTIONEER NOTE: This is the second day of the contents of the late Lee Noblit. Many interesting items not mentioned. Make plans to attend. Sale under roof, bring lawn chair.

TERMS: Cash or approved check by Auctioneer

AUCTIONEERS:
David Deibler 896-8530 AU001213-L
Ed Shoop 896-8305 AUOOOA42-L
37 Sycamore Ave.
Halifax, PA 17032

Contents Of:
the Late Lee Noblit
Owner: Deah Straw

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, TOOLS
ADAMSTOWN/MUDDY CREEK
SATURDAY, JUNE 8, 1991
AT 9 A.M.

Located at 64 Scenic Dr., East Cocalico Township, Lancaster Co., PA. (Directions: Rt. 272 North of PA Turnpike Exit 21, turn East onto Muddy Creek Rd. (Across from Zinn's Diner), turn right onto Scenic Dr.

FURNITURE: Mahogany Bedroom Suite; Mahogany Dining Room Suite; Mahogany Chest of Drawers; Victorian Living Room Suite.

OAK: Extension Table; Chest of Drawers; Sewing Machine; China Closet; Blanket Chest; Gateleg Table; Tea Cart; Marble Table; Slat Back Chairs; Porch Rockers.

APPLIANCES: Refrigerator; Freezer.

CHINA & GLASSWARE: Gaudy Dutch & Welsh; Lg. Collection of Luster; Limoges; Oriental Vases; Toby & Royal Daulton Mugs; Set of "Arabia" China; Child's Tea Set; Oriental Tea Set; Early Adams & Flow Blue; Noritake "Azalea"; Planters Peanut Set; Haviland & Saxxon China; Blue Willow; German, Austrian & Bavarian Bowls; Celery Sets; Bristol; Carnival Glass; Crystal Glass; Amberina; Jim Beam & Michter Bottles; Redware; Pewter; SHEARER PEN & INK DRAWING; Oil Paintings; Prints; TIFFANY TYPE LAMP.

LINENS: Quilts; Rag & Braided Rugs.

TOOLS: TRACTOR; Rototiller; Hand Tools.

No out of state checks unless accompanied by a current bank letter or prior arrangement w/auction service.

Terms By:
Bernice Schoenherr Estate

HORST AUCTS.
T. Glenn · AU438L
Timothy G. (717) 859-1331 — (717) 738-1245
Thomas A. *VOICES OF EXPERIENCE*

PUBLIC AUCTION

ESTATE OF EDWARD EVANS,

Sale on farm located at Cheswold, Delaware. Location: 4 miles North of Dover, Rt. 13 & 42 (Bishop's Corner) head west for 1 mile to Cheswold over RR crossing, immediate left to first farm on right.

SALE DATE

MONDAY, JUNE 17, 1991
At 10:00 A.M.

MUSEUM ANTIQUE FARM TRACTORS: 1919 Moline, GP John DEERE, 1914 Titan 10-20, 1924 Cross Motor Case, Twin City, 1958 Porsche, 1930 Massey Harris 4WD, Huber Wheat Thresher, Frick Steam Engine, Keystone (The above at the DELAWARE AGRICULTURE MUSEUM).

ANTIQUE FARM TRACTORS (at Farm): 1929 Huber, Huber Super 4, Silver King Utility, Case R, (Two) Hart Parrs 1828, Allis Chalmers (standard), Economy, Fordson, Cross Motor Case, John Deere B, 10-20 McCormick Deering, John Deere D, F-14 McCormick Deering.

ANTIQUE ENGINES: F-M gas 1½ H, Witte gas 1½ H, McCormick Deering 1½ & 3 H, Stover 1½ H, Novo 1½ H, Matag, Small, Power Products, Fairbanks Morse 1½ H, Fuller Johnson & Pump, Briggs-Stratton, John Deere 1½ H, Single cylinder, FM 6Hp, Murine, Bean gas, Alamo Blue 3½ H, Economy, 4 cycline Wisconsin, Delco power unit, Ant. Int. garden tractor & attch.

MISC. ANTIQUE ITEMS: 1927 MODEL T FORD TOURING CAR, Upright steam engine, Ant. toy tractor, Model A & Model T parts, Ant. racing boat, Pedal lathe, Maytag washer & motor, Penn RR Locomotive Bell, saw bench, steam pump, chair lift 2 Bot. plows, etc.

ACTIVE FARM EQUIPMENT: Two Case 930 Comfort King Tractors, Int. 504 gas tractor, Massey Ferguson 165 Tractor, D-6 Caterpillar, New Idea S-P corn picker Uni-System, 14' Brillion packer, post hole digger, side rake, feed wagon, 5 bot. plows, NH flail chopper, 4 wagons (flat & grain), Spring tooth harrows, Ford mower, Hyd. dump for truck, elevator, JD 2R planter, NH round baler, '61 GMC grain truck, cultivators, and much more.

NON-FARM ITEMS & SHOP EQUIPMENT: BMW Motorcycle 4/90-6, Vespa Moped, 2 Bicycles, pulleys & axles, 24" planer, 18" joiner, Bridgeport upright Milling Machine, Horizontal milling Machine, Long Bed metal lathe, water pump, airplane parts, boat & motor, Ant. jacks, Kohler power plant, Porta power, Skil saw, jig, grinder, Roto hammer, cream separator, ½ scale CASE STEAM ENGINE, Oilers, pipe threader and more

INSPECTION: SAT. & SUN. JUNE 15 & 16 from 10 am to 3 pm.

SELLING ORDER: Shop equip, Non-farm items, Active farm equip, Antique items & engines, Antique farm tractors, Museum Antique farm tractors.

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers, Real Estate Broker
Galena, MD 21635 **Phone: 301-648-5601**

MARSHAL'S SALE: By virtue of a Writ of Execution issued out of the United States Court for the Western District of Pennsylvania and to me directed, I shall expose the following real property to public sale on the premises of said hereinafter described property located at R.D. #2, Box 195 A, Reynoldsville, Pennsylvania, 15851, being more fully described as follows:

ALL the following property situated in the State of Pennsylvania, County of Jefferson, Township of Winslow.

FIRST: BEGINNING at a post in the line of Lot No. 4; thence by lot No. 8, West 140 perches to a beech, corner of James Alexander land; thence by land of James Alexander, North about 150 perches to the Erie Turnpike; thence along said Turnpike eastward about 150 perches to a post, the corner of Lot No. 4 at the Turnpike; thence by lot No. 4 South about 140 perches to the place of beginning. CONTAINING 107 acres, more or less. Said premises now bounded as follows:

On the North by the Erie Turnpike; On the East by estate formerly of Francis DeLorn, now by the second parcel hereinafter described; On the South by former Patton tract, now owned by R & P Coal Company; On the West by Ward Kougher.

EXCEPTING AND RESERVING the plot of land reserved for cemetery use, by deed from H.H. Weaver et ux to Tony Diles.

SECOND: BEGINNING at a chestnut oak on the Clearfield County line; thence by Tract No. 556, 104 perches to a post corner of Lot No. 8; thence by said lot and Lot No. 5 (DeLarm) North 259 perches to a post on the Susquehanna & Erie Turnpike; thence by the said road the several courses thereof eastward to a post in the Clearfield County line; thence by said line South 199 perches to the place of beginning. CONTAINING 141 Acres and 22 Perches, more or less.

BEING further identified as Jefferson County Tax Map Parcel Number 40-409-121 and 40-409-123.

BEING the same premises conveyed to John L. Shaffer and Sammie L. Shaffer by deed of George T. Walls et ux, dated January 23, 1981.

Said sale to be held at 1:00 P.M. prevailing standard time, on June 11, 1991. All those certain tracts of land, together with the buildings, and improvements erected thereon, described in Mortgage Book Volume 159, Page 376. Recorder of Deeds' Office of Jefferson County, Pennsylvania. Seized and taken in execution as the property of John L. Shaffer and Sammie L. Shaffer at the suit of the United States of America, acting through U.S. Department of Agriculture, Farmers Home Administration to be sold on Writ of Execution as Miscellaneous Number 17289. TERMS OF SALE: Successful bidder will pay ten percent (10%) in cash or by certified check and the remainder of the bid within thirty (30) days from the date of the sale and in the event bidder cannot pay the remainder, the property will be resold and all monies paid in at the original sale will be applied to any deficiency in the price at which the property is resold. Notice is hereby given that a Schedule of Distribution will be filed by me on the thirtieth day after the date of sale, and that distribution will be made in accordance with the Schedule unless exemptions are filed thereto within 10 (10) days thereafter. Purchaser must furnish State Realty Transfer Tax Stamps, and stamps required by the local taxing authority. Successful bidder must also pay all Marshal's costs, fees and commissions. Eugene V. Marzullo, United States Marshal.

Various pieces of farm equipment will also be exposed for sale by the U.S. Marshal at the same place, date and time as the sale of the above real estate to satisfy the indebtedness of John L. Shaffer and Sammie L. Shaffer to the United States of America. All items to be sold as is, where is. The successful bidder will be required to pay the purchase price in full at the time of sale by cash or certified funds. Eugene V. Marzullo, United States Marshal.

HFA

REALTOR MLS

PUBLIC AUCTION

OF 62 ACRE FARM

SATURDAY, JUNE 22nd, 1991
AT 11:00 A.M.
LOCATED NEAR DOYLESBURG, FRANKLIN COUNTY

From Exit 14 On PA Turnpike Take Rt. 75 North Approx. 12 Miles To Farm.

2-½ Story Frame Farm House In Very Good Condition, Modern Kitchen, 4 Bedrooms; 200 Amp. Electric Service; Well Insulated House; Stone Summer House With Fireplace; 40x60 Frame Bank Barn With Open Stalls And Attached Equipment Shed; 32x44 Machine Storage Shed; 2 Wells; 40 Tillable Acres, 12 Acres Woodland, Remainder Pastureland; Large Stream At Edge Of Property And 2 Smaller Streams; Rolling Terrain, Beautiful View Of Other Farms And Mountains.

OPEN HOUSE: Saturday, June 1st From 1 To 4 PM.
TERMS: 10% Day Of Sale; Settlement On Or Before July 22, 1991.
For More Information Call HORNING FARM AGENCY, INC.

Terms By:

TERRY AND DEBBIE LORAH

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

LAMBERTCREST FARMS

BEEF HERD & SHEEP AUCTION

WED., JUNE 5, 7:30 P.M.
ULYSSES, (POTTER CO.) PENNA.

Sale to be held at the farm on road off Fox Hill Road. Follow arrows from Main Street (Rte. 49) in Ulysses.

Selling will be: 39 Head of Interstate Ready Beef Cattle in Top Condition. Cow Herd consists of 3 Simmental; 9 Charolais; 10 Hereford and 4 Angus. 10 Handle heavy, 7 are fresh with calves at side. Also selling will be 5 springing first calf Hereford heifers; 5 breeding size open Hereford heifers; 1 Registered yearling Hereford bull and a Jan. 1990 steer and heifer. All polled except 1 animal! Heavy, Healthy Cattle here! 40 plus sheep sold as bred ewes; ewes with lambs; open ewes; lambs. For Specifics contact the owners:

Mr. & Mrs. Kenneth L. Lambert
814-848-7676

Auction Conducted By:
Jerry Pirrung, Ulysses, PA
814-848-7401
James P. Pirrung
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520
PA Lic. #1646L and 1672L

Public Auction Register

FRI JUN 14 - 9 30AM and SAT JUN 15 - 9:30AM, Antique Grandfathers Clock, Furniture, General Antiques, Guns, Stamps, Dishes, Glassware, Collectibles, at Springetts Fire Co Social Hall, 3013 E Market St , York, PA, Estate Richard N Libhart, Gilbert and Gilbert, Aucts

FRI JUN 14 - 10AM, Farm Machinery, HH Goods, located take Rt 272 S of Lancaster, PA 8 mi turn E on Pennsy Rd to Sawmill Rd , ½ mi to sale on right, Kenneth A and Vivian M Danz, owners, Kreider, Kline and Good, Aucts.

FRI JUN 14 - 11AM, 48 Head Registered Holsteins, 2 Grades, located Martinsburg, RD 2, Blair Co , PA, Richard Heltzel, owner, Kling's Auctions, Inc , Aucts

FRI JUN 14 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI JUN 14 - 4PM Sharp! Antiques, HH Goods, Tractor, Traps, Tools, etc , David and Emma Shetron, owners, Ed Shull, Aucts

FRI JUN. 14 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

PUBLIC AUCTION

FARM REAL ESTATE

MONDAY, JUNE 24, 1991
6:30 PM
MAPLE ST., SEVEN VALLEYS BORO, YORK CO., PA.

"THIS FARM WILL BE OFFERED 2 WAYS"

#1 137 Acre Beef or Horse farm with approximately 100 acres tillable, 30 acres in pasture with high tensile fencing, balance in buildings and woodland. Spring water and continuous flowing stream. Large 8 room brick house (possibly for Bed & Breakfast). 100x40 frame barn, Corn barn and other out buildings and road frontage. Seven Valleys Boro and Springfield Township, Zoned Agricultural.

#2. 60 Acres Beef or Horse farm, 30 Acres Tillable, 30 Acres of Pasture w/high tensile fencing and buildings. Spring water and continuous flowing stream. 8 Room brick house (possibly for Bed & Breakfast). 100x40 Frame barn, corn barn, and other out buildings plus road frontage. Seven Valleys Boro, Zoned Agricultural.

TERMS:
10% DOWN DAY OF AUCTION,
BALANCE IN 60 DAYS.

CROPS RESERVED TILL HARVEST

OTHER CONDITIONS WILL BE MADE KNOWN DAY OF AUCTION.
SHOWN BY APPOINTMENT,
PHONE 717-764-6412

SELLERS:
Mr. & Mrs. Pete Byrne
Seven Valleys, PA

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Blaine & Nevin
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

PUBLIC SALE

OF ANTIQUES, TOOLS, HOUSEHOLD ITEMS

FRIDAY, JUNE 7, 1991

Sale at 3:30 P.M. Sharp

Sale to be held at Brickerville Fire Hall just off of Rt. 322 West of Ephrata in the village of Brickerville, PA.

110 J.D. Riding Mower & Snow Plow, Good Condition, Antiques

Victorian Living Room Suite w/2 Chairs, Marble Top Coffee Table & End Tables w/White Marble, Low Dry Sink Tin Lined, Childs Rocker Hand Painted Design, Childs High Chair, Childs Miniature Hand Carved Furniture, Wash Stand, Oriental Rugs and Throw Rugs, Chairs, Rockers, **5 Old Quilts, Old Coverlet,** no date, 2 buggy ropes, gold leaf picture frames, picture frames, western special locomotive, jugs and crocks, milk can, cast iron skillets, tin items, 10 gallon crock, 2 large iron kettels, wash stand as is, cow bell, toothpick holders, picture "The little captive", giasbor picture, sunshine beer bottles, dog picture on canvas, 2 large tapestries made in France, fur pieces, childs tea set, blankets, wooden pulleys, pewter set, old teddy bear, comforts, iron horse tie, German Bible, wicker baskets, Jardineres, bottles, Maurens milk bottle, Reading, bedspreads, checkerboard, Christmas items, linens, Nylint toy, True value pickup truck, plus more antiques.

Cast Iron Items

Runely cast iron tractor, Uncle Sam bank, poodles, dogs, cats, horses, train, trucks, turtles, Case steam engine, horse pulled fire fighter, horse pulled Coca Cola wagon, U.S. bank, pot holders, elephant drawn wagon, bear bank, eagle, cat bank, rabbit bank, billard pictures, paper holders; small glass floor type show case.

Household Items

Nesco broiler oven on stand, electric fireplace heater, Wastinghouse roaster oven, upholstered chairs, black and white TV, tables, bar stools, pole lamp, what not shelves, corn popper, coffee pot, coolers, clam steamer, jars, lights, deep fryer, blender, doll light, typewriter, hot plate, Bearcat scanner, glider, wet and dry vac, beer trays, wash tubs, lawn chairs, iron kettles, **Crossman 760 pellet gun, Stevens 16 guage single barrel,** fans, recipe books, pots & pans, dishes, throw rugs, pillow cases, fruit dishes, bedding, table cloth and napkins, small handbell, small piano music box, Royal high fidelity tape payer, small wooden cradle, bathroom set, singing bird honey music box, canners, wooden cloth trees, plastic horse and wagon, plastic horses and mules, metal candle holders, brass eagle, plaster cat and more items not mentioned.

Jim Beam bottles, Olympia, fish hall of fame 1978, old show Adessa Texas 1972, Saturday Evening Post, the Epis, coal miner-Ezra Brooks, plus more.

Shop Tools

4" Craftsman jointer, small air compressor, Sears table saw, Lombard chain saw, H.D.I bench grinder, heavy electrical cords, metal shelves, large variety of tools, shovels, fishing rods, new com-a-long, hand saws, peach baskets, chicken crate, bird feeders, weed eaters, lawn seeders, small chicken feeders, plus many, many more articles.

Terms by:

VERNA HIVELY and
DAVID LYDIA OBERHOLTZER
And Others

Paul Snyder, Auct. AU-873-L (717) 733-7052
Michael Snyder, Norman M. Redcay, Jr.
Fasnacht Clerks

Out of state buyers need cash or current bank letter of credit.
Refreshments

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT JUNE 15, Ephrata Mennonite School Benefit Auction, Ephrata, PA, Local Auctioneers

SAT JUN 15 - 9AM, RE, Personal Property, Antiques HH Goods, '68 Mustang Convertible, Shop Equip & Tools, located 591 E Main St, New Holland, PA, Kurtz E Reeser, owner, Miller and Siegrist, Aucts

SAT JUN 15 - 9AM, 10 Plus Acres Open & Wooded Land, Backhoe, Tractors, Compressors, etc, located 1 mi E of Rt 125 in Mahantongo Valley, Western Schuylkill Co, PA, Christian Benner, owner, Mike and George Deibert, Aucts

SAT JUN 15 - Show 9AM-5PM, Sale 5PM Sharp! Baseball Card Show & Auction, Whiteside Auction Service, Aucts

SAT JUN 15 - 9AM, Body Shop Equip, Tools, Elcamino, Old Car Parts, located Grantham, PA, 627 Grantham Rd off Rt 15, 3 mi N of Dillsburg, PA, Romaine Reeser, owner, Rentzel's Auction Service, Aucts

SAT JUN 15 - 9AM, Surplus Building Materials, at The Lumber Yard of Hershey, 265 W Chocolate Ave, Hershey, PA, The Lumber Yard of Hershey, owner, Bob Rath, Auct

SAT JUN 15 - 9AM, RE-13+/- Acre Farmette-4 Bdr Frame Home, Barn, located 666 S 14th St, Lebanon, PA, Mrs Elberta Lamm, owner, Reist Auctioneers

SAT JUN 15 - 9AM, Antiques, Collectibles, HH, located 230 N 5th St, Sunbury, PA, Triangle Auto Sales Bldg, Atwood Ross, owner, Mark J Jones, Auct

SAT JUN 15 - 9AM, 1952 & 1953 Kaiser Cars, HH, Antiques, 20's Bedrm, Dry Sink, Trains/RR Items, Farm Equip, Tools, AC Mod B Tractor and 10 HP Riding Mower, located 2 mi N of Tamaqua, 8 mi S of Hazleton, ½ mi S of Village of Still Creek, just off Rt 309, George and Joan Gernavage, owners, Houser Aucts

SAT JUN 15 - 9AM, Unreserved Public Auction of the Important Private Collection of 18th, 19th & Earl 20th Century American German Language Imprints of Donald R Hinks, at Horst Auction Center, corner of Rt 322 and Durlach Rd, W of Ephrata, PA, Mr Donald R Hinks, owner, T Glenn Horst and Sons, Aucts

SAT JUNE 15 - 9 30AM, Real Estate, HH Good, Truck, Tractor w/Loader, located 1 mi S of Reamstown on Church St, turn E on Red Run 1/10 mi to 1305 Red Run Rd, E Cocalico Twp, Lanc Co, PA, Lloyd & Elma Diem, owners, Robert E and Jeffrey R Martin, Aucts

SAT JUN 15 - 9 30AM, Equipment and Vehicles, located Edison, NY, Public Service Elec & Gas, owners, Vilsmeier Auction Co, Inc, Aucts

SAT JUN 15 - 9 30AM, Real Estate, Complete Line of Farm and Dairy Equip, located approx 6 mi N of Somerset off Rt 281N, turn towards Hilltop Floral, proceed 1½ mi to Newman Farm, Roger and Cindy Newman, owners, Luce Auctioneers

SAT JUN 15 - 9 30AM Sharp! Antiques, Collectibles HH, Building Materials, Yard, Farm, Tools, Tractor, located turn off Rt 42 S of Catawissa, PA at Slabtown Intersection, Pass the Store and travel 7 mi, turn left and pass through "Ideal Park" and travel 1 3 mi turn right and travel 8 mi, Barney Honabach, owner, Geo J Henry and Geo R Henry, Aucts

SAT JUN 15 - 10AM, 3 Tracts RE-41 Acres M/L Farm, Cabin w/10 Acres, 10 Acre Tract, Farm Machinery, Personal Property, S of Wellsboro N of Jersey Shore, from small town of Morris take Rt 287 S approx. 1 mi turn right onto Horn Rd, Rt 313, go approx 1 mi. to Y, stay left of Y for 41 Acre Farm and Cabin w/10 Acres, stay to right of Y for 10 Acre Tract, Willard & Thelma Bergy, owners, Kline, Kreider and Good, Aucts

PUBLIC AUCTION
AT RUDNICK'S SALES
Route 213, Galena, MD

SATURDAY, JUNE 8th
At 9:00 A.M.

Antiques and Furniture to include: C1800 plantation desk, oak farm table, 6 Larkin pressed back chairs, Eastlake walnut bed, Eastlake M.T. Dresser & mirror, Eastlake walnut chair lounge, child's cupboard, Maryland corner medicine cupboard, mahogany parlor table, empire walnut dresser w/bear paw feet, oak spool cabinet, federal style gaming table, tool chest, G W T W Lamp, 1911 brass cash register, cranberry & brass piano lamp, Nippon, Haviland, clocks, linens, dry sink, pie safe, plank seated chairs, Victorian loveseat, M.T. Wash stand, country drop leaf table, double school desk, dough box, 5 leg pine table, maple chest of drawers, Victorian wash stand, Victorian sofa, muffin stand, pair Victorian side chairs, jelly cupboard, humpback trunk, Bentwood chairs, 4 oak chairs, shaker rocking chair, cradle fainting couch, oak dresser, church pew...Plus Roseville, cut glass, Hummels, silver plate, sterling, oil lamps, bisque head doll, fostoria, heisey, pewter tea set, etc. Collection of various jewelry... rope-edged curio cabinet, fine inlaid wardrobe, oak bookcase, oak rolltop desk & chair, purple glass hanging light, bronze statue. Plus a fine selection of oriental rugs.

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, MD 21635
Phone: 301-648-5601

PUBLIC AUCTION
Real Estate, 7.6 Acre Farmette,
Household Goods, Misc. Items

SAT., JUNE 8 AT 1:00 PM
Directions: From Red Lion go South on Rt. 74 approx. 6 miles and turn right on Waughtel Road and go approx. 1 mile to corner of Waughtel and Felton Roads. Watch for signs.

FARMETTE **FARMETTE**

REAL ESTATE

7.6 acre Farmette improved with an alum siding rancher consisting of an extra large living room with fireplace, eat-in kitchen w/microwave oven and elec. stove, 3 bedrooms, den, full bath, enclosed porch with fireplace, a workroom, and a basement w/outside entrance. Other buildings include a 2 stall horse barn with hayloft and a cinder block garage or workshop. Other features include a 16x32 in ground swimming pool, a patio, oil fired forced hot air heat, new elec. water heater, carpet throughout, a Fisher wood stove, overhead storage, ceiling fans in 2 bedrooms and kitchen, beautiful shrubbery and a nice yard. Approx. 525 ft. road frontage on Waughtel Rd and 870 ft. road frontage on Felton Rd. Chanceford Township and Red Lion Schools. Possible subdivision. Terms: 10% down day of sale; balance in 45 days Inspection by appt. Ph. 755-4317 or 755-4029.

HOUSEHOLD GOODS & MISC. ITEMS

Antique mahogany chest, mahogany vanity cedar wardrobe, tin boxes, lamps, electric sewing machine, advertisement signs, Mr Coffee, old set of silverware, wall hangings, misc. items.

Not responsible for accidents day of sale.

Preston E. Chronister & Sons
Auctioneers
Lic. 148L & 1645L
Ph. 755-4317 or 755-4029

Owners:
Sharon Smith
Edwin Forrest
R.D. #3 Felton, PA

TIOGA COUNTY — MORRIS TOWNSHIP

PUBLIC AUCTION
3 VALUABLE TRACTS — REAL ESTATE — 41 ACRE M/L FARM — CABIN w/10 ACRES — 10 ACRE TRACT — FARM MACHINERY — PERSONAL PROPERTY
SAT., JUNE 15, 1991

Auction Time 10 A.M.

Directions: South of Wellsboro, north of Jersey Shore. From small town of Morris take Rt. 287 South approx. 1 mi. Turn right onto Horn Rd., Rt. 313. Go approx. 1 mi. to Y. Stay to left of Y for 41 Acre Farm and Cabin w/10 Acres. Stay to right of Y for 10 Acre Tract. Morris Township, Tioga County.

#1 Tract: 41 Acre M/L Farm consists of 5 bedrm., full bath, 2½ story frame home w/eat-in kitchen, dining rm., family and living rm., 2-car garage and shop. Frame bank barn and pole machinery building.

Terms By:
WILLARD & THELMA BERGY

#2 Tract is a 10 Acre Tract w/southern exposure bordered by woodland.

Terms By:
WILLARD & THELMA BERGY

#3 Tract has 1 story cabin/home w/2 bedrms., kitchen, living rm. and sm. bath. On lot well and septic system and stream.

Terms By:
JOEL & MARY BETH LANDIS

Real Estate to be offered at 1 PM

Terms are 10% down day of auction, balance at settlement. **OWNER FINANCING AVAILABLE TO QUALIFIED BUYER ON 41 ACRE FARM & TRACT #2.** Call auctioneers for details and financing terms, pictured brochure and plot plans. 215-445-4309 or 717-733-1006. Open House dates — June 1 and June 8 or by appointment.

Farm Machinery — Personal Property

John Deere 2840 Diesel Trac.; John Deere 4020 Diesel Trac. w/Power Shift; (Both tractors in ex. cond.!); John Deere #347 Baler w/#40 Ejector; John Deere #1209 9' Haybine; J.D. #672 9' Rake; Vicon 3 pt. 8 Wheel Rake; Pequea 9' Hay Tedder; (3) Bale Rack Wagons, (2) w/JD Gears; John Deere #750 Grinder Mixer; 36' NI Bale Elevator; 20' Bale Elevator; Dion 2 Beater Wagon Box w/Roof; (2) 14' Flat Wagons; 7' & 9' Rotary Scythe Mowers; John Deere #110 Disc; Ford 4 B Trip Plow; J.D. 2 B Trailer Plow; 12' & 16' Harrows; N.H. #460 Manure Spreader; N.H. #616 1 R Chopper; Gravity Bin Wagon; 1 B Horse Plow; DC Case Trac. for parts; Land Roller; Hog Feeders; Chicken Summer Shelters plus other misc. items.

Majestic Range; Dining Room Table & 4 Chairs; Buffet; Slant Top Desk; Hand Turned Flour Mill; Corn Sheller; 7 Cane Seat Chairs; 2 Cane Seat Rockers; 5 Old Wooden Trunks; 2 Coffee Tables; End Tables; Braided Rugs; Quilting Frame; Iron Skillet Set; 2 Apple Peelers; 2 Old Wagon Wheels; Double Bed; Mattresses; Folding Chairs plus many other items.

Note: Reason for auction owners relocating. Tremendous opportunity to purchase some beautiful Tioga County Real Estate at Public Auction. Auction to start promptly at 10 AM w/sm. items, household goods & farm machinery. Real Estate sells at 1 PM. Come enjoy the day with us. Lunch stand. Terms are cash or good PA check. No out-of-state checks unless accompanied by a current bank letter or prior arrangement with auction service.

Terms By:
WILLARD & THELMA BERGY
717-353-2833 or 814-623-1946

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr., Auctioneers AU-2116-L
215-445-4309

KLINE & KREIDER AUCTIONEERS

PUBLIC AUCTION
OF REAL ESTATE
WEDNESDAY, JUNE 5, 1991
7:00 P.M.

LOCATED: Adams County - Off Rt. 234 (3 miles west of East Berlin). Turn south on Peepytown Road, go to 1st road - right. Green Ridge Road - 1st place. Or east of Rt. 194 on Rt. 234 & turn south on Peepytown Road to Green Ridge Road.

2 PARCELS

PARCEL 1: Farmette 3.2 acres w/log house covered with aluminum siding. Barn, milk house, and garage. House has a large modern country kitchen, large living room, full bath, and a large summer house room, 2nd floor has 6 bedrooms (2 unfinished), heated by Oil Hot water, 100 amp electrical service & well water.

PARCEL 2: 3.125 Acres with no improvements, Perked & Probed for Sand Mound System, road frontage on Green Ridge Road & creek frontage with a look-out.

Both parcels are in Adams County, Reading Township & Bermudian Springs School District. Very good country living Centrally located between Hanover, York, Gettysburg, York Springs & Etc.

TERMS: 10% DOWN, BALANCE IN 60 DAYS.

"OPEN HOUSE" SUNDAY, MAY 19, 2:00 TO 4:00 P.M.

FOR INSPECTION PHONE 717-259-7211

SELLER:
Kevin & Karen Holtzinger
2490 East Berlin Road
East Berlin, PA

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Blaine & Nevin
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

ABSOLUTE BANKRUPTCY AUCTION
REAL ESTATE
MON., EVE., JUNE 10, 1991
AT 6:00 P.M.

LOCATED AT 1000 & 1020 FLOWERS LANE IN MARYSVILLE, PA. From Rts. 11 & 15 Take 850W 1.7 Miles, Take Right On Flowers Lane. Formerly Known As LDK Supply Co.

REAL ESTATE

BUILDING #1: Block Building, 8700 Sq. Ft. M/L. 1st Floor- 7 Offices, Recep. Area, 2 Powder Rooms And Large Storage Area. **2nd Floor-** Lg. Show Room, 2 Offices & Lg. Storage Area w/Loading Dock. Macadam Parking Lot And Lg. Fenced Stoned Lot. 200 Amp. Elec. Service, 2 Carrier Heat Pump Systems For Heat And Ac. 2 Sep. Elec. Meters.

BUILDING #2: Block Building, 2500 Sq. Ft. M/L. 6 Service Bays, Waiting Room, Office, 2 Powder Rooms, Macadam Parking Lot. Oil Hot Air Heat.

These Two Buildings Are On A 2.17 Acre M/L Tract Of Land And Zoned Commercial.

TERMS: Both Buildings To Be Offered As One Parcel, Absolute To The Highest Bidder. Deposit Of $10,000.00 In Cash, Certified Or Cashiers Check Payable To Kerry Pae Auctioneers At Time Of Auction. No Exceptions. Balance Due In 45 Days At Settlement. Inspection By Appointment Only. Call 717-236-3752.

Auction For:
LEON P. HALLER,
TRUSTEE

JEFFREY L. KNOSP, CAI
AU-1710L

AU-1367

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

PUBLIC AUCTION

FEDERAL & STATE SURPLUS PROPERTY

SATURDAY, JUNE 8, 1991

AT 10:00 A.M.

Located at 22nd & Forster Streets, Harrisburg, PA. Directly Behind State Street Beer & Soda Warehouse.

COINS & JEWELRY

Mans 18kt. Rolex Watch President Edition, Ladies 18kt. White Gold Diamond Ring Approx. 2.3ct. Center Stone With 2 Side Trillions Approx. .33ct. Mans 14kt. Diamond Ring Approx 1ct. Total Wt., Mans Gold Gucci Watch, Mans 14kt. Diamond Ring Approx. 2ct. Total Wt. 1904 O Silver Dollar, Gold Canadian Coin, US Mint Silver Olympic Coin, 1924 Peace Dollar, 1927 $20 Gold Coin, Misc. Pennies & Other Coins, Over 25 14kt. Gold Chains Various Sizes & Types, Misc. Silver. Jewelry, Misc. 14kt. Gold Charms, Misc. Mens & Ladies 14kt. & 10kt. Rings & Wedding Bands, Misc. Diamond Engagement Rings, Plus Many Other Items.

ELECTRONIC EQUIPMENT

Magnavox Remote Control Color TV, RCA VCR, Kenwood Stereo System w/CD Player, JC Penney Video Camera, AT&T Cordless Phone, Pioneer Compact Disc Player, 2 Kodak Disc Cameras, 3 Keystone Cameras, Technics Compact Disc Player, Motorola Telephone Pager, Robyn VHF-UHF Scanner, MCS Compact Disc Player, Electronic Scale, Cobra Telephone, Jensen Equalizer & Amplifier, Actron Timing Light, Nec Television Monitor, 2 Scott Speakers, Nec Audio System, Misc. Baseball Cards, Plus Other Items.

FEDERAL SURPLUS PROPERTY

1973 American Air Filter Co. Fire Truck, John Bean Rotomist Sprayer, Threshing Machine, ¼ Ton Utility Trailer, Crown Elec. Forklift, Allis Chalmers Forklift, 1976 Plymouth SW, 1969 Chevy Ambulance, 6000 Lb. Cap Forklift, Moped, Brake Drums, Transmissions, Filters, Chains, Vehicle Parts & Equipment, Misc. Tires, Gasoline Engines, Diesel Engines, V-Belts, Bearings, Grinders, Milling Machine, Honing Machine, Welder, Hot Tank, Welding Equipment, Press, Snow Plow, Tamper, Block & Tackle, Wire, Fans, Life Raft, Compressor, Air Tank, Rotary Pump, Centrifugal Pump, Faucet, Hose, Misc. Plumbing Supplies, Copper Tees & Fittings, Brass Valves, Sealer Machine, Cable Cutter, Chain Saw, Misc. Hand Tools, Misc. Tool Boxes, Drill Bits, Misc. Hardware Items, Screws, Nuts, Bolts, Hinges, Solder Heads, Anchoring Kits, Air Ventilator, Connectors, Couplers, Battery Charger, Generator, Generator Set, Floor Lamps, Misc. Clothing, Boots, Tunics, Ponchos, Gloves, Jackets, Trousers, Shirts, Barracks Bags, Transit Case, Drawing Table, Tripod, Microscopes, Test Tubes, Flash, Oscilloscopes, Vibration Meter, Forceps, Vacuum, Misc. Paint, Ammo Chest, Rope, Tent, Shelters, Misc. Rest Equip., Dishwasher, Refrigerators, Booths & Tables, Etc.

OFFICE FURNITURE & COMPUTER EQUIPMENT

Viewer, Overhead Projector, Chalkboards, Calculators, Intercom, Answering Machine, Transcriber, Transceiver, Waste Bins, Storage Cabinet, Partitions, Misc. Desks, File Cabinets, Work Stations, Copier, Bookcase, Tables, Shelving, Folding Chairs, Display Terminal, Wang Printer, Video Recorder, Telephone Set, Modem, Paper Shredder, Mailing Machine, Computer Processor, Decolliator, Data Screen, Display Stations.

TERMS: Payment In Full Day Of Auction. Cash Or PA. Check With Proper ID. No Out Of State Checks Without Bank Letter Of Guarantee. No Exceptions.

Inspection Day Of Auction Only At 8:00 A.M. Auction Will Start With Jewelry & Coins Followed By Federal Surplus Items. Some Of The Coins & Jewelry Sold Subject To Sellers Confirmation. Everything Else To Be Sold To Highest Bidder.

Auction For:

COMMONWEALTH OF PENNSYLVANIA

JEFFREY L. KNOSP, CAI
AU-1710L

AU-1367

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

PUBLIC SALE

97 ACRES M/L TOBACCO, STEER & HOG FARM
BRECKNOCK TOWNSHIP

WED., JUNE 12, 1991

AT 2 P.M.

Located along Lauschtown Road, Brecknock Township, Lancaster Co., PA. (Directions: PA Turnpike Exit #21, North on Rt. 272, right onto Rt. 897, after Turnpike Bridge, turn right onto Lauschtown Road.)

2½ STORY SIDED DWELLING

4 BEDROOMS & FULL BATH.

97 ACRES M/L

BANK BARN- 10'x50' concrete silo. Attached 20'x90' - 2 story pig house, attached 22'x32' implement shed & corn barn, steel water tank.

36'x72' TOBACCO SHED.

24'x62'- 2 STORY CHICKEN OR PIG HOUSE.

WINDMILL- 1400' road frontage.

This farm is located near PA Turnpike Exit #21, easy access to major metropolitan areas. Plenty of tillable and wooded acreage! NEAR ADAMSTOWN ANTIQUE MARKETS.

Open House: Sat., June 1 from 1 p.m. to 3 p.m. call 717-859-1331, 717-738-1245 or 717-738-3080.

No out of state checks unless accompanied by a current bank letter of prior arrangement with auction service.

Terms By:

L. & B. Land Co.

K.L. Shirk, III, Atty.

HORST AUCTS.
AU438L
T Glenn
Timothy G
Thomas A
(717) 859-1331 — (717) 738-1245
VOICE OF EXPERIENCE

PUBLIC AUCTION

Saturday, June 22, 1991
9:00 A.M.

Selling the Real Estate and Personal Property of the Late Mabel Schmittle, R.D. 4, Middleburg, PA 17842.

DIRECTIONS: From Harrisburg travel North on Rts. 11 & 15 Along the Scenic Susquehanna River Valley, Turn Left on Rt. 104 and Continue to Middleburg and the Peace and Quiet of Snyder Co., at Stop Sign Turn Left on Rt. 522, Proceed South on Rt. 522 Approx. 1 Mile Beyond Middleburg. Auction Will Be On Left In Lane, Signs Posted.

REAL ESTATE

84 Acres of Country Beauty, Truly a One-of-a-Kind, Situated Amidst the Rolling Hills of Snyder Co., Not Visible From Any Public Road, a Fantastic Retreat. 2 Homes, Large Old Bank Barn with Many Farm Buildings, 5 Ponds (One Time Fish Hatchery) and a Stream Which Flows just Below the House, Bounded on the South by the Fish Filled Middlecreek, the Ponds too are Stocked, the Grounds Host Mature Trees of all Kinds, Fruit, Nut, Hard and Soft Woods, Plus Shrubs and Flowers Abound. The Main House, Brick, Boasts 11 Rooms, 2 Fireplaces, Porches and Patios, 3 Baths and a Large Kitchen, Basement Apartment with Walk-in Cooler, and Many Extras. The 2 Story Tenant House is a Log Duplex Both Sides w/Log Beam Ceilings, Containing 3 Bedrooms, For Extended Family or with a Rental Potential of 5 Units, Also a Caretakers Cottage Greets One as You Approach a Real "Estate."

TERMS: 10% Down, Balance Within 45 Days. Real Estate To Be Offered At 12:00 Noon. Open House June 1 & 8, From 1 to 5 P.M. Or By Appointment, Call Auctioneers.

EXECUTORS:

Lou Ann Sprenkle
Douglas R. Sprenkle II
605 Picnic Lane
Selinsgrove, PA 17870

ATTORNEY: Irvin Graybill, Jr.
17 E. Market St.
Middleburg, PA 17842
(717) 837-6771

KENNETH E. HASSINGER
R.R. 02, Box 985
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
R.D. #1, Box 239
Richfield, PA 17086
(717) 539-8791
AU-002651-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JUN 15 - 10AM, Tractors, Vehicles, Misc & Parts, located Arthur Illinois, Dave White, owner, Dennis Polk & Assocs, Inc, Aucts

SAT JUN 15 - 10 30AM, Real Estate, located in the Borough of West Reading, PA, Berks Co at 211-213 S. 3rd Ave & Kline St, John G Siegle and Mary Jo Siegle, owners, Eugene G Klinger Auct Serv, Aucts

SAT. JUN 15 - 10 30AM, 150 Antique and Modern Firearms, Wildlife Art Prints, etc, located at 163 E. Market St in Hallam Borough, 6 mi E of York, 14 mi W of Lancaster, PA take Rt. 30 Bypass to Hallam Exit, then E. on Rt. 462, Toomey Auction Service, Aucts

SAT JUN 15 - 12Noon, Old Cast Iron Skillets, Old Doll, Cupboards, Old Tools, Misc Dishes, etc, located Watrous, PA in Tioga County near Gaines and Galeton, turn off Rt 6 at Bailey's Excavating, Fernwood Auction Co, Agent for Sellers and Aucts

SAT JUN 15 - 1PM, Valuable 31 4 Acre Farm, located along Lewisberry Rd in Conewago Twp, York Co, PA, Della Dehoff, owner, Melvin Haines and Ralph Brenneman, Aucts

SAT JUN 15 - 6PM, Central, PA 81 Acre Farm, located between Harrisburg & State College, in Juniata Co, PA, Susan Kay Bauerle, owner, Long's Auction Service, Aucts

MON. JUN. 17 - 10AM, Museum Antique Farm Tractors, Antique Tractors, Engines, Misc Antique Items, Active Farm Equip, etc., located on farm at Cheswold, DE, Estate of Edward Evans, Harry Rudnick & Sons, Inc, Aucts

MON. JUN. 17 - 7PM, Real Estate-Circa 1760 Log & Fram, 2½ Story House, locatd 1604 Lampeter Rd, W. Lampeter Twp, Lanc Co., PA, Mr and Mrs David Patrick Shaub, owner, Howard Shaub, Inc, Aucts

TUES JUN. 18 - 7PM, RE-1 Story Cement Block Bldg, 50'x120', Office Equip, located along Oregon Pike, Rt 272, Brownstown, W Earl Twp, Lanc Co., PA, at corner of Zooks Mill Rd and Rt 272, Timothy A Polito, owner, Howard Shaub, Inc, Aucts

WED JUN 19 - 9AM, Machine Shop Equip, Office Equip, School Supplies, located York Co Area Vocational-Technical School, 2179 S. Queen St, York, PA, Blaine Rentzel Auction Service, Aucts

THURS. JUN. 20 - 4PM, Real Estate, HH Goods, Tools, located 542 Reynolds Ave, Lancaster City, PA, Louis & Edna Sidler, owners, Miller & Siegrist, Aucts.

THURS. JUN 20 - 5PM, Old Stone House, Frame Barn & Frame Bldgs on 14 Acres of Land, A-Farmall Tractor, Riding Mower, Farm Equip, Antiques, HH Goods, Tools, located 950 Pequea Creek Rd, Conestoga Twp, Lanc Co, PA, Mr and Mrs Clair G Sellers, owners, Howard Shaub, Inc, Aucts

THURS JUN 20 - 5 30PM, Dwelling & 30'x48' Garage, Tools & Equip, located at 15 Ridge Ave, Ephrata Twp, Lanc Co, PA, Gene L Rabold, owner, T Glenn Horst and Sons, Aucts

FRI. JUN 21 - 1PM and SAT JUN 22 - 9AM, Antiques, Furniture, Coins, Stamps, at 3013 E Market St, York, PA, Springettsbury Fire Co. Social Hall, Gilbert and Gilbert, Aucts

SAT JUN 22 - 8 30AM, RE, Antiques, Butcher Equip HH Goods, Tools, etc., located approx. 2 mi E of Blain in Perry Co, Estate of Della I Kessler, Ed Shull, Auct

SAT JUN 22 - 8 30AM, Real Estate, Antiques, Collectibles, HH, Tools, Equip, Tractors, Misc, Coins, Estate of Dorothy E Long, Mark J. Jones, Auct

SAT JUN 22 - 9AM, RE-Stone & Brick Rancher, Antiques, HH Goods, Car, located at 1249 Marilyn Ave, Ephrata, PA, Louis D Farrell Estate, T Glenn Horst and Sons, Aucts

SAT JUN 22 - 9AM, Real Estate-84 Acres, Personal Property, located RD 4, Middleburg, PA, Mabel Schmittle Estate Hassinger/Courtney, Aucts

SAT JUN 22 - 9AM, Real Estate and HH Goods, Echo Springs Farmette, approx 7 9 acres, located in the South Mountain just 2 mi S of Rebesonia, PA George M Ruth, John E Ruth and Mildred W Ruth owners, Ziegler Auction Co, Aucts

SAT JUN 22 - 9 30AM Small Farmette, Personal Property, Truck and Tractors, located in Perry Co approx 10 mi N of Carlisle on Rt 74 or 4 mi S of Landisburg on Rt 74, turn off Rt 74 onto pisgah Rd 4th property on left, Estate of James M Sweger Kling's Auctioneers, Mark Keller, Auct

SAT JUN 22 - 10AM, Real Estate and Personal Property, located 106 Zion Hill Rd., Atglen, PA, Estate of Fred W Becker, Kenneth Griest and John Stoltzfus Aucts

SAT JUN 22 - 10AM, Real Estate, Personal Property, located 106 Zion Hill Rd Atglen, PA, off Rt 30 take Rt 41 S to Zook Rd, turn right and follow to stop sign, property on left, Estate of Fred W Becker Kenneth Griest and John Stoltzfus, Aucts

ANTIQUE GUN AUCTION

Wed., June 5, 1991

7 P.M., Comfort Inn, Lancaster, PA., Exit Rt. 30 Centerville Rd.

Guns (Colts, Kentuckys, Winchesters, & Many Others), Swords, Indian Artifacts, Coins.

Inspection 6-7. Cash, VISA, MC. Consignments Wanted.

Auct. C. Culver #AU-000196-L.

PUBLIC AUCTION

OF

REAL ESTATE

MONDAY EVENING, JULY 1, 1991 AT 6:00 P.M.

Located: 453 FRUITVILLE PIKE, at the intersection of Fruitville Pk. and Holly Tree Rd. Penn Twp., Manheim, Lancaster Co., Pa.

LARGE 2½ STORY FRAME TWO-UNIT DWELLING, BARN AND 2 STORY CONCRETE BLOCK STORAGE BUILDING, situated on a 2+ ACRE LOT (approx.)

1st Unit: 1st floor- lg. living room w/fireplace, eat-in modern kitchen, closed back porch, wash room. 2nd floor- 3 bedrooms, all with ceiling fans & closets, bath. **2nd Unit:** 1st floor- lg. living room, new modern kitchen, powder room, large hallway w/open stairway, front & rear entrances. 2nd floor- 2 bedrooms, modern bath, hall and attic. Ceiling fans & closets. Basement has laundry. Each side has 1-car garage in basement. Coal stoker hot-water baseboard heat. New vinyl tilt windows. 42x64 ft. bank barn, silo, fenced barnyard, steer pen & box stalls, pasture (1 acre approx.)

40x120 ft. (approx.) 2-story concrete block garage & storage building. Barn & storage building on separate electrical meters from house. All buildings are in excellent repair, 2 wells, on-site septic system, mature shade. Property recently surveyed into 3 lots but will be offered as one unit.

Open house dates: Sat., June 8, 1 to 4 p.m ; Thurs. eve., June 13, 6 to 8 p.m. Other times by appointment call 717-665-5727 or 717-665-6684.

Terms: 10% down day of sale. Settlement on or before 45 days.

SALE BY

RAY E. & LAVINA S. MILLER

Young & Young Attorney
Wolgemuth Auction Service
Bob- Lic. #1535 Ph. 665-6684
Dennis- Lic. #2357 Ph. 664-3893

Not responsible for errors or omissions on printed material.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT JUN 22 - 11AM, 62 Acre Farm, located near Doylestown, Franklin Co , Exit 14 on PA Turnpike, take Rt 75 N approx 12 mi to farm, Terry and Debbie Lorah, owners, Horning Farm Agency, Aucts

SAT JUNE 22 - 12Noon, 21 Acres, located N Lancaster St in the Boro of Jonestown, Leb Co , PA, conditions by The Incorporated Trustees of the Diocese of Bethlehem, Ebersole and Shoop, Aucts

SAT JUN 22 - 12Noon, Elegan Country Real Estate-100+ Acres, located in Greenwood Twp , Juniata Co , 1 mi N of Seven Stars, 6 mi S of E Salem along Rt 235, Estate of Morris and Jennie Kerstetter, Bryan D Imes, Auct

MON JUN 24 - 3 30PM, Antiques, HH Goods, Toys, Coins, Stamps, located at 824 Pleasure Rd , Manheim Twp , Lancaster Co , PA, Vernoll M Jones, owner, T Glenn Horst and Sons, Aucts

MON JUN 24 - 6 30PM, Farm Real Estate, Maple St , Seven Valleys Boro, York Co , PA, Mr and Mrs Pete Byrne, owners, Blaine Rentzel, Auct

TUES JUNE 25 - 11AM, Complete Liquidation Applie and Pear Orchard-RE (12Noon), Equip., located Washington Twp , Schuykill Co , PA, Eden Hill Orchards, owners, Ebersole and Shoop, Aucts.

THURS JUN 27 - 3 30PM, Fine China, Glassware, Antiques & HH Goods, located at 1303 Diamond St , Akron, PA, Paul E and Ada B. Weaver, owners, T Glenn Horst and Sons, Aucts.

FRI JUN. 28 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

SAT JUN 29 - 9 30AM, Equipment and Vehicles, located Glen Burnie, MD, Baltimore Gas and Electric, owners, Vilsmeier Auction Co , Inc., Aucts.

SAT. JUN. 29 - 10AM, Real Estate-1 Story Frame Home w/Alum Siding Antiques, Collectibles, HH and Misc Items, Mr and Mrs Robert F Confer, owners, Lee D Dockey, Auct

JULY

MON. JULY 1 - 6PM, Large 2½ Story Frame Two-Unit Dwelling, Barn and 2 Stopry Concrete Block Storage Bldg , situated on 2+ Acre Lot, located 453 Fruitville Pike, at the Intersection of Fruitville Pk and Holly Tree Rd , Penn Twp , Manheim, PA, Ray E. and Lavina S Miller, owners, Wolgemuth Auction Service, Aucts

SAT. JULY 6 - 9AM, Brick Rancher, Real Estate, Antiques, HH Goods, Coins, located at 1154 Kreamer Mill Rd., Brecknock Twp , Lanc. Co , PA, Kathryn M McCarty, owner, T. Glenn Horst and Sons, Aucts

Dairy and Livestock Sales

Maryland Graded Feeder Pigs

1 Sale: Pigs At 2 Locations

★ **Westminster, Md. Livestock Auction**

Eden Md.
Hatfield Hog Buying Station

Sale every 1st & 3rd Friday

Next Sale June 7

1:30 PM

Beginning June 7th Lower Shore graded feeder pigs will be collected at the Hatfield Buying Station in Eden to be auctioned off through the regularly scheduled graded sale in Westminster.

Barn cleaning, health regulations, grading and weighing will be done the same as at Westminster. All pigs will come from Psuedorabies free herds.

Buyers may purchase pigs from either location. Tele-auction will be used for buyers in attendance at Eden as well as out of state buyers.

Pigs will be offered in lots of uniform grade and weight. Lot size will be from 40 to 200 head when possible.

New buyers must have credit established before sale. For more information contact.

WESTMINSTER LIVESTOCK ACUTION
Manager Jim Starliper
Hagerstown Office 301-733-8120
Home Phone 301-824-3187
Eden Sale Manager
Bill Sirman 301-632-2398
Eden Barn 301-742-8906

PUBLIC SALE

of Building Supplies, Tools & Hardware, New Roofing, Vinyl Siding, Soffet & Accessories

At Goods Auction, 111 North Maple Ave. Leola, PA on

Wed., June 5, at 9 A.M.

200 Doors Wood & Steel, Some Prehung, Sliding Patio Door, French Doors, Bifolds, Mirror Bifolds, Peachtree Windows, Casement And Big Show Windows, Truck Load Of Roofing, Painted And Galvanized 500 P Plywood ⅜ And ¾ , Some T11 Plywood, 4 Trailer Loads Lumber- 2x4 To 2x12 Up To 18 Ft. Long, 4 In. Cement Block, 2 Ton Nails, Cabinet Hardware, Medicine Cabinets, Vanity Tops, Full House Ventilating Fans.

Also Same Time Same Place: Machinery, Tools, Hardware, Lawn And Garden Equipt., Hesston Haybine Trailer, Mounted 100 CFM Diesel Air Compressor, Miller Portable Welder, Flatbed Truck Beds.

We Sell On Commission.
No Junk
Terms: Cash. No Out Of State Checks.
No Checks Unless Known By Owner Or Auctioneers.

A.H.000014-L

Hay And Straw Sale Every Wednesday At 11 A.M.
Next Sale August 7 At 9 A.M.

AUCTION OF LATE MODEL EQUIPMENT & TRUCKS

FRIDAY, JUNE 7, 1991 10:00 AM SHARP

FINKSBURG, MARYLAND

SELLING FOR SECURED CREDITORS,

ALSO SELLING FOR B. FRANK JOY CO., INC. & OTHERS

DIRECTIONS: On Old Westminster Pike, Finksburg, MD. From 695 Beltway take 795 to end at Rt. 140 continue on Rt. 140 to the junction of Routes 140 & 91. Inspection Thursday, June 6, 1991 from 10:00 AM to 4:00 PM.

TRACK LOADERS & DOZERS

1989 CAT 963 LGP track loader S/N 21Z02612, OROPS; 1980 JD 855 track loader OROPS, G.P. bucket; CAT 953 track loader S/N 20Z00473, enc. cab, G.P. bucket; CAT 943 track loader S/N 04200343, enc. cab, G.P. bucket; CAT 943 track loader S/N 19Z01088, OROPS; CAT 951C track loader S/N 86J4286, OROPS, G.P. bucket, new unc.; 1987 LIEBHERR 711 dozer S/N 2340110, enc. cab, A/C & heat; CAT D7E dozer S/N 48A5699, OROPS, direct start, straight blade with hyd. tilt; JD 450G dozer, OROPS, 6 way hyd. blade; INT/DRESSER TD8E dozer, OROPS, 6 way hyd. angle blade.

EXCAVATORS & GRADALL

1988 GEHL GX45 mini-excavator S/N 45460, 744 hrs.; JSW Model BH140E hyd. excavator S/N Z20020; GRADALL Model G3WD S/N 0135248.

LOADER BACKHOES & RUBBER TIRE LOADERS

1989 JD 310C Turbo 4x4 loader backhoe S/N G7533418, extendahoe, 4 in 1 bucket, 1,000 hrs.; 1988 JCB 1400B loader backhoe S/N 14BN2059343927, extendahoe, enc. cab, 644 hrs.; CASE 580 Super E loader backhoe, S/N 9076739, OROPS, 2,000 hrs.; CASE 580D S/N 16234745, OROPS, extendahoe; TROJAN 1900Z rubber tire loader S/N 3830808, enc. cab; CAT 930 rubber tire loader S/N 41K826, enc. cab; 1989 DITCH WITCH rubber tire loader S/N 276E1657, backhoe attach., 696 hrs.

SKID LOADERS & FORKLIFTS

1988 GEHL 6625 skid loader S/N 6140; 1987 GEHL 6625 skid loader S/N 5313; 1987 GEHL backhoe attach. for skid loader; 1989 GEHL D4P63 Dynalift S/N 72189, 6,000 lb. capacity, 37 1/2' reach; AC 705 rubber tire forklift S/N 03238, 5,000 lb. capacity, 21' mast, side shift diesel eng.; 1989 High Reach GENI-Z45HH aerial work platform S/N 4588001846; 1989 GENIE BOOM man lift S/N 4589001824, dual fuel, 45' reach; 1987 JCB Model 530 4HL 4x4 forklift S/N 580681; 1986 PORT-A-CRANE S/N 1009, 36' reach, gas eng.

ROLLERS & PAVERS

1990 DYNAPAC CC12 vibratory articulated roller, S/N 5862024, 76 hrs.; 1987 TAMPO RP16D sheepsfoot roller S/N 1081673M; 1987 DYNAPAC 26" sheepsfoot roller S/N 678904; BOMAG BW90ADL vibratory articulated roller S/N 1414602008, diesel eng.; PAVEMASTER 1 ton roller S/N 1T03, gas eng.; 1989 POWER BOX T450 paver, like new; 1981 POWER BOX T450 paver, diesel eng.

FARM TRACTORS

1988 FORD 1310 with diesel eng., 3 pt. hitch PTO; FORD 5000 SU with 3 pt. hitch, diesel eng., PTO; FORD 3610 with OROPS, diesel eng., 3 pt. hitch, PTO, 1,800 hrs.; FORD 3610 with OROPS, diesel eng., 3 pt. hitch, PTO, hyd. driven side mounted mower, 2,700 hrs.; INT 250A with 2500 loader, 3 pt. hitch, PTO, 1,300 hrs.

COMPRESSORS & GENERATORS

(3) SMITH 110 cfm air compressors S/N 208, 191, 213; SULLAIR 100 cfm air compressor; 1989 MAGNETEC 30KW generator S/N BG04T50; 20KW generator S/N F3L912, Deutz diesel eng.; 1989 AMIDA 15KW generator S/N 8904W0119; (2) 1989 New GILSON 1/2 bag cement mixers, Honda eng.

LIGHT TOWERS & ARROW BOARDS

(2) AMIDA light towers with Deutz diesel engs.; (3) 1988 WINCO light towers with 4KW generators; (3) AMIDA light towers without generators; (3) AMIDA arrow boards with Deutz diesel engs.

SPECIALTY TRUCKS

1985 FORD F350 cube van with diesel eng., auto trans., roll-up rear doors, P/S; 1980 FORD F600 S/A with gas eng., 5 sp. trans., Bucyrus Erie H-3 crane with gas eng., 61,000 miles; 1975 GMC 7500 T/A with 427 gas eng., 5 sp., 4 sp. trans., 2,200 gal. 3 compartment water tank; 1972 FORD F600 S/A with gas eng., 4 sp. trans., 2,000 gal. water tank with Carter 8 hp trash pump; 1979 FORD F600 S/A with V8 370 eng., auto trans., P/S, 8.25x20 rubber, Asplundh line lift with 300 lb. capacity bucket; 1974 CHEV C60 S/A with gas eng., 5 sp. trans., 2,000 gal. fuel tank; (2) 1981 FORD F350 blasting trucks with gas eng., 4 sp. trans.; Ingersol Rand 175 cfm air compressors with Deutz diesel eng.; 1973 FORD F350 service truck with 360 eng., manual trans.

TANDEM AXLE DUMPS

1989 FORD LTL9000 T/A with 400 Cummins eng., 10 sp. trans., Jake brake, 40,000 rears, 18,000 fronts, steel body, 68,000 miles, S/N 48526; 1987 DIAMOND REO T/A with Cummins eng., 13 sp. trans., Jake brake, 46,000 rears, 20,000 fronts, 14 1/2' East alum body, S/N 1D9MC6185H1009182; 1987 DIAMOND REO T/A with Cummins eng., 13 sp. trans., Jake brake, 46,000 rears, 20,000 fronts, 14 1/2' East alum. body, S/N 9AC5186H1009095; 1986 FREIGHTLINER T/A with Big Cat eng., 13 sp. trans., 48,000 rears, 20,000 fronts, A/C, 14 1/2' alum. body, alum. fuel tanks; 1986 FREIGHTLINER T/A with Big Cam 400 Cummins eng., 13 sp. trans., set back front axle, 48,000 rears, 20,000 fronts, A/C, 14 1/2' alum. body & fuel tanks; 1985 WESTERN STAR Model 49642 with 300 Cummins, 13 sp. Road Ranger trans., 14' R&S steel body, 11R24.5 rubber, S/N 2WLPCCME9FK913082; 1988 INT/NAVISTAR T/A with Cummins eng., 10 sp. trans., steel body, S/N TZPG3T5JH565500; 1984 MACK R Model T/A with 300 eng., 6 sp. trans., 48,000 rears, 20,000 fronts, Benson alum. body; 1983 MACK R Model T/A with 300 eng., 6 sp trans., 48,000 rears, 20,000 fronts, Benson alum. body; 1978 INT S2500 T/A with New DT466 eng., 13 sp. trans., steel Snyder body; 1974 INT Paystar 5000 T/A with 270 Cummins, 6 sp. low hole trans , 55,000 rears, air brakes, steel body, P/S, pental hook and air brake hookup, new brakes and bearings; 1975 KENWORTH T/A with 350 Cummins, 13 sp. alum body; 1971 CHEV C70 with V8 gas eng., 5 sp., 4 sp. trans., steel body, P/S.

SINGLE AXLE DUMPS

(2) 1987 FORD F800 S/A with 3208 Cat eng., 5 sp., 2 sp. trans., air brakes, 10' steel bodies; (2) 1987 FORD F800 S/A crew cabs with 3208 Cat eng., 5 sp., 2 sp. trans., 10' steel bodies, air brakes; 1979 MACK U Model S/A with Mack eng., 5 sp. trans.

ROAD TRACTORS

1986 INT 9300 Eagle T/A with 400 Cummins eng., 10 sp. trans., air ride suspension, A/C, double wide walk-in sleeper; 1985 KENWORTH Model W900 T/A with sleeper S/N 1XKWD29X9FK328545; 1980 PETERBILT Model 359 with sleeper S/N 122724N; (2) 1985 WHITE Model WAL64T T/A cab-over with detroit eng., sleeper, S/N 1WUGDEUD7FN069754 & 1WUGDEUD1FN069751; 1982 FREIGHTLINER T/A cab-over, recently rebuilt 400 Cummins, 13 sp. trans., wet line, A/C, P/S; 1985 WHITE T/A cab-over with Detroit eng., 9 sp. trans., S/N 069751; 1981 INT T/A cab-over with Detroit eng., 9 sp. trans., A/C, S/N 13094; 1973 FREIGHTLINER T/A cab-over with 290 Cummins, Jake brake, 15 sp deep reduction trans.; 1978 FORD 9000 S/A with 350 Cummins eng., 10 sp. trans., wet line, P/S.

TRAILERS

1987 FRUEHAUF T/A frameless 38' alum. dump; 1983 SUMMIT tri-axle 38' alum. dump; NEW 1990 EAGER BEAVER 35 ton detachable lowboy trailer; 1987 EAGER BEAVER T/A 25 ton 5th wheel tilt deck equipment trailer; (2) 1988 EAGER BEAVER 12 ton T/A equipment trailers with ramps, elec. brakes; 1990 EAGER BEAVER HAL20 T/A 20 ton with air brakes, ramps, pental hook equipment trailer; 1973 GENERAL T/A 15 ton tag-along with air brakes; 1966 CUSTOM tri-axle 9 ton tag-along with elec. brakes equipment trailer; 1989 GEHL skid loader trailer.

MISCELLANEOUS

HOBART trailer mounted welder with gas eng.; MIDMARK walk-behind trencher; 1987 Broom attach. for Bobcat skid loader; (2) 1988 Trowel machines with gas eng.; concrete chute; 3 pt. hitch sprayer; (5) 1988 MORRISON georgia buggys with Honda gas eng.; (4) push type georgia buggys; several jumping jack tampers; generators; water pumps; MACK 6 sp. trans.; MACK 44,000 rears; misc. plate steel; hyd. hoses & fittings, Like New EXECUTONE 6 station phone system; PDP Micro 11/53 computer S/N WF72305082.

FINANCING: Financing can be arranged through the following company. Call 72 hours before sale to make arrangements for financing on items $10,000 or more. Call Kathy Welborn, Credit Alliance Corp. (301) 859-2300.

TERMS OF SALE: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashier's Checks. Personal or Company Checks accepted with accompanied by a Valid Bank Letter of Guaranteed Payment. Items sold "As-Is, Where-Is" with no warranties expressed or implied. Immediate removal. Not responsible for accidents.

SALE SITE PHONE: After June 3rd. (301) 861-8080.

SUBJECT TO ADDITIONS & DELETIONS, CALL FOR FULL COLOR BROCHURE

Wolfe
301/663-8644
Industrial Auctions, Inc.
15 North Court Street Frederick Maryland 21701

THANK YOU FOR ATTENDING THIS AUCTION!

RANDY RUBY (301) 663-8644 EVENINGS (301) 271-2321

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

Public Auction

Every Fri.

4 P.M.

Furniture 7 P.M.

Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service

Dennis, #2357 **Bob**

Res. (717) 664-3893 **Res. (717) 665-6684**

EVENING *EVENING*

Rock-Ridge (Evening) Complete Herd Dispersal

Located Off Of Minnequa Rd., Between Elba (2 Mi.) And Canton (4 Mi.) Take Black Top Road Across From McMurray Rd. (1st Farm). Or Take McMurray Rd. Off Of Rt. 14 Between Troy & Canton, Pa. And Follow Thru Onto Blacktop.

Due To Area Graduation Date Has Been Changed To Tuesday, June 11th
At 8:00

71- Reg. Holsteins- 71

(33 Mature Cows, 9 Spr. Hfrs., 8 Short Bred, 20 Calves, 1 Service Age Bull, 3 R&W's). Interstate Tested, Preg. Examined, Charts Day Of Sale.

Some Features:

*Pati- (EX-90) By A Jerry Son Due End Of June To Mixer. Never Made Under 16,000m. And Records To Over 19,000m. 640F. Sells With GP-81 Count 2 Yr. Old Dau. w/14,000m. 3.6 Due Saletime!!

*-Fallon- VG-86 By A Persuader Son Due Early Aug. To Secret Son. Making Well Over 16,000m. 3.6. Dam By A Jerry Son w/17,200m. At 3 Yrs. Sells With A Count Bred Hfr., A Dixiecrat Calf, And A GP-83 Stewart Sister.

* Extreme- VG-86 By A Persuader Son Due 7-8 To Gabriel.

* Carol- VG-85 (1st Calf) By Steady. Fresh End Of Feb. Milking 70 Lb. Made Over 15,000m. 3.6F. 3.4 P. Sells With Real Nice Bred Hfr. Sister By Mandingo!!

* Beta- VG-85 Spirit That Throws RED! Sells With Lass-Red Dau. And Promising Over 18,000m At 3 Yrs. Dam By A Magnet Son. Grdam By T. Threat.

* Excite- VG-85 (4 Yrs.) Chief Stewart Due Nov. To Gabriel. Could Be One To Wait On! Sells w/A Vanguard Yrlg. Dau.

* Sprite- A 1st Calf Steady Fresh 5-19. Will Look Really Good By Saletime!

* Flame- GP Chairman Making 16,000m. Due Early Aug. To Gabriel.

* Fritz- Service Age Vanguard Son From VG-87 Jerry Grdau. Twice Over 20,000m. And Over 10,000m. She Sells Also. This Is The Largest Family Selling!

Sales Mgrs. Note:

The Seeley's Have Not Pushed These Cows. They Have Received Poor Hay And A Minimum Of Grain And Yet They Are Doing Quite Well. Turn These Cows Out To Pasture And I Think You'll Be Pleased! They Have Used The Popular Bulls Also. Several Fresh And Springing - Majority Fall Freshening.

Owners:

FRED & ROBERT SEELEY
Canton, Pa.
Phone 717-673-3469

Sale Managers:
WOODS AUCTION SERVICE
Gordon Wood And Sons
Mansfield, PA
717-549-4901

Auctioneer: Art Kling- AU000-500

SAT. JULY 6 - 9:30AM, RE-School Converted to Summer Home, Danville Clock, Antiques, Collectibles, HH, Yard, Golfing, Appliances, Mowers, located turn off Sunbury Rd. in Riverside at the Methodis Church on Ave. G toward Snydertown and Travel 3.2 mi. to intersection in Rushtown and turn W. to school, Frank and Daisy Connolley, owners, Geo J. Henry and Geo R Henry, Aucts.

SAT. JULY 6 - 10AM, Public Toy Auction-Trucks, Tractors and Implements, located Ridge Fire Co Pavilion, along Rt. 23, betwen Phoenixville, PA and Rt. 100, Ted Maurer, Auct.

WED. JULY 10, Absolute Real Estate Auction-Bucks Co., PA Horse Farm, located only 1 hr. from NYC and Phila. near scenic New Hope, PA and Flemington, NJ, Sanford Alderfer Auction Co., Aucts.

FRI. JULY 12 and SAT. JULY 13 - 8:30AM Both Days, HH Goods, Glassware, Large Assortment of Tools, Vehicle, Tractor, and Power Equip., located RD 1, Mt. Wolf, PA, Estate of Philip Herbst, Rentzel's Auction Service, Aucts.

FRI. JULY 12 - 9AM, Farm Equipment Auction. A &C Diffenbach Auction Co., 100 W. Jackson St, Box 186, New Holland, Pa 17557.

FRI JULY 12 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

WED JULY 17 - 6.30PM, 74 Acre Farm, located at RD 1, Red Lion, PA, approx. 5 mi from Red Lion along the Burkholder Rd, Harold E. and Laura F Gable, owners, Gilbert and Gilbert, Aucts.

THURS JULY 18, Harness Markers Auction, located Leola, PA, Chris Beiler, owner, Bryan D Imes, Auct.

FRI JULY 19 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. JULY 20 - 12Noon, 11 Acre Horse Farm, located Old Forge Rd., RD 3, Annville, PA, Dorothy I. Rymoff Estate, Ebersole and Shoop, Aucts.

TUE. JULY 23 - 9AM, Quilt, Craft, & Buggy Auction-Buggies- 1 P.M A &C Diffenbach Auction Inc, 100 W. Jackson St, Box 186, New Holland, Pa 17557

WED JULY 24 - 9AM, Quilt, Craft Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St, Box 186, New Holland, Pa. 17557

FRI JULY 26 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

SAT JULY 27 - 12Noon, RE-Hilltop Road Farm, located Northern Lancaster County, Hilltop Rd, Manheim, PA, Ebersole and Shoop, Aucts.

AUG.

FRI. AUG 2 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc, 100 W Jackson St., Box 186, New Holland, Pa 17557

SAT. AUG 3, Annual Amish Parochial School Benefit Sale, located near the villageof Center, Martin A. Weaver, owner, Bryan D Imes, Auct

WED. AUG. 7 - 6PM, Wholesale Wood Furn & Craft Items Auction A &C Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa 17557.

Dairy and Livestock Sales

200-300 HEAD SPECIAL HORSE SALE WORK HORSES MULES DRIVING HORSES

FRIDAY, JUNE 14, 1991

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 6:00 PM. Sale 7:00 PM.

• • NOTICE- Horses Hitched At 12:00 Noon. • •

* **1 Load Work Horses, Mules and Driving Horses Consigned by Ward Wright.**
* **1 Load Driving Horses Consigned by Bud Leonard.**
* **1 Load Driving Horses Consigned by Elam B. Stoltzfus, Reuben G. Stoltzfus, Clayton Waterbury, Jonas Beiler and Ben K. Stoltzfus.**

Plus many more consignments by sale time.

For more information call:
Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538
FAX# 717-355-0706

NEXT HORSE SALE JULY 19 - 7:00 P.M.

Juniata County Farm At

PUBLIC AUCTION

Saturday, June 22, 1991

12:00 Noon

Located In Greenwood Township, Juniata Co., 1 Mile North Of Seven Stars, 6 Miles South Of East Salem Along Rt. 235.

Elegant Country Real Estate

A Level 100 Acres Plus With Approx. 90 Acres Productive Tillable Farmland, 10 Acres Woodland And Never Failing Spring.

Thereon Erected An Attractive Archaic, Two Story 8 Room Red Brick Dwelling With Kitchen, Full Bath, 4 Bedrooms, Walk-In Basement With Lg. Stone Fireplace And Early Cabinets.

Property Divided By Township Route 488 And Borders LR235 Selling With Over 4900' Road Frontage.

Real Estate Terms: 10% Down Payment Balance In 60 Days.

Open House: Saturdays, June 1st, 8th & 15th From 11:00 A.M. Until 3:00 P.M. Or Inspection By Appointment Phone 717-463-2330.

Antiques & Collectibles Selling At 10:00 A.M.

Estate Of
Morris And Jennie Kerstetter
Morris Kerstetter, Jr.
Bernard Kerstetter, Executors

Bryan D. Imes, Auctioneer
Complete Sale Service AU-001656-L
Phone 717-527-2449

REGISTERED GUERNSEYS

Selling At Shady Lane Dairy Sales, Inc., ¼ Mile West Of Quarryville, Pa.

41 HEAD REG. AND GRADE GUERNSEYS FROM RICHARD STANER, YORK CO.

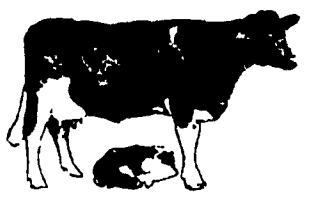
FRIDAY NITE, JUNE 7, 1991

7:30 P.M. SHARP

Herd Consists Of App. 21 Mature Cows, 20 Heifers All Ages, Some Real Nice Individuals Going Back To Some Of The Best Breeding In Guernsey Cattle. Also Same Herd 4 Mature Holstein Cows And The Holstein Heifers. Herd Being Dispersed Due To Farm Leased.

SHADY LANE DAIRY SALES, INC.
Quarryville, PA.

Phone Glenn 717-786-2750 **David 717-786-1725**
PS. If You Are Interested In Guernseys,
Please Be On Time



Complete Maryland Herd Dispersal

TANEYTOWN, MD

at the Shady Lane Dairy Sales Inc., ¼ mile west of Quarryville, PA

Friday, June 7 • • • 7:30 DST

165 HEAD REGISTERED AND HI GRADE HOLSTEINS 165

Herd consists of 61 head of which many are recently fresh, several dry cows, balance all stages of lactation. Milk weight on all milking animals average weight 64 lb. 6 Registered. This is a top herd big and strong. Good udders culled closely. You will like this herd. 37 heifers from this herd sell in May 31 Heifer Sale.

Also 9 Registered cows 2 Carlin-M Ivanhoe Bell, Straight Pine Elevation Pete, Dream Street Tirate, Fulton-Way Elevation Mark Twin, Sky Hi Boot Mark, and a Fancy Shi-Le Elevation Matt John. These cows go back to the herd of the late Mowery Frey Jr. Willow Street herd.

Also 20 head 2-3-4 yr. olds from 1 herd in Maryland milking up to 100 lbs.

Also 40 head June, July, Aug. cows all from 1 herd. Records to 25,000 milk. Will have balance of herd at a later date. This could be one of the best selections ever at Shady Lane.

Come early • Stay late • You could be the winner

SHADY LANE DAIRY SALES, INC.
QUARRYVILLE, PA

P.S. Don't overlook our next heifer sale May 31, 10:00 A.M. Over 600 consigned, 400 good springing heifers, 200 breeding age really nice.

The Fites Serving The Dairy Industry For 6 Generations.
If We Can Help You In Any Way Please Call Today.
Herds Needed Now

FOR MORE INFORMATION CONTACT:

Glenn D. Fite **David L. Fite**
717-786-2750 **717-786-1725**

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI AUG 9 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI AUG 9 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI AUG 23 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI AUG 30 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

SEPT.

FRI SEPT 13 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI SEPT 13 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

TUE SEPT 17 - 9AM, Quilt, Craft & Buggy Auction- Buggies- 1 P M A &C Diffenbach Auction Inc , 100 W. Jackson St , Box 186, New Holland, Pa 17557

WED SEPT 18 - 9AM, Quilt, Craft Auction A &C Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

FRI SEPT 27 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

FRI SEPT 27 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc.

SAT SEPT 28 - 10AM, Registered & Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

OCT.

TUE OCT 1 - 6PM, Wholesale Wood Furn. & Craft Items Auction A &C Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

WED. OCT. 9 - 6:30PM, Guns & Winross Truck Auction A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa 17557

FRI OCT. 11 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

TUE OCT 15 - 10AM, Harvest Equipment Auction (No Small Items)

FRI OCT 18 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

FRI OCT 25 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

SAT OCT 26, Support for Prison Ministries Annual Benefit Auction, to be held at Farmersville Auction, Farmersville, PA , J D Stauffer Auctions

WED OCT 30 - 9AM, Annual Dairy Show & Sale, at New Holland Sales Stables, New Holland, PA

NOV.

FRI. NOV 1 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

FRI. NOV 8 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI NOV 8 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT. NOV. 9 - 1PM, Albemarle Farms' "Genetic Opportunity" Sale at the farm near Charlottesville, VA.

TUE NOV 19 - 9AM, Quilt, Craft & Buggy Auction- Buggies- 1 P.M. A &C Diffenbach Auction Inc , 100 W Jackson St., Box 186, New Holland, Pa 17557.

WED. NOV. 20 - 9AM, Quilt, Craft Auction A &C Diffenbach Auction Inc., 100 W Jackson St., Box 186, New Holland, Pa. 17557

FRI NOV 22 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI NOV 29 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

DEC.

WED. DEC 4 - 6PM, Wholesale Wood Furn & Craft Items Auction A &C Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557

FRI. DEC 6 - 9AM, Farm Equipment Auction A &C. Diffenbach Auction Inc , 100 W Jackson St , Box 186, New Holland, Pa 17557

FRI. DEC. 13 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

FRI DEC. 27 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
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DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

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Quarryville, PA
PH: 717-786-3016

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.
New Holland, Pa.

Located 12 Miles East of Lancaster, just off Rt. 23

2 DISPERSALS
WEDNESDAY, JUNE 5, 1991

Heifer Sale 11:00 A.M. Followed By The Usual Run Of Fresh Cows & Springers.

HERD #1

Leon Fox Complete Dispersal From Blair Co.

This Herd Consists Of 68 Milking Age Cattle And 25 Heifers Of All Ages, Mostly Grades, A Few Registered All Are A.I. Sired And A.I Bred Several Cows Are Recently Fresh, Balance Due Throughout The Summer & Late Fall. Herd Is On D H I A Test, Avg 17,224m, 561 Fat And 538 Protein All Breeding Info & Milk Records Announced Sale Day, Will Be Vet Checked For Pregnancy At Sale Barn These Cows Are Producing 7,000 Lbs Per Pick-Up At The Dairy, Some Records From Blair Co Herd:

Grade- Barn #2 305Ds 24,978M 4% 1004F
Due Dec 10 To 9H1563.

Barn #32- 4 Yr Old Fresh Mar 24 Has
103.5 Lbs For May 3 Test

Barn #181 4 Yr Old Due Sale Time Has 3 Yr. Rec
305Ds 21,509M 3.4% 734F.

Barn #129 4 Yr Old 325Ds 23,963M 643F.
Due Sept. 8 To 7H3824.

Barn #80 3 Yr. Old 326Ds 23,753M 657F
Due Nov 5 To 7H3920

Catalogues Day Of Sale FREE ICE CREAM

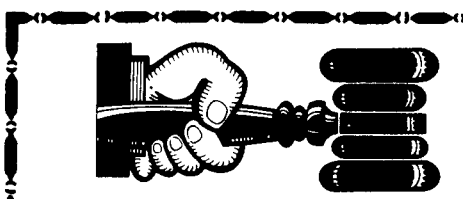
Herd Represented By Albright And Miller

ALSO SELLING WED., JUNE 5

15 Cows From Nathan Stoltzfus, Morgantown, Pa., All Are 2nd & 3rd Calf 5 Recently Fresh, The Balance Are Due July And Aug. This Is A Small Group Of Young Good Uddered Cattle. 5 Swiss Holstein Cross.

A Group Of Canadians For Roy Johncox
Including A Few Registered Cows All Due June & July.

New Holland Sales Inc.
Barn 717-354-4341 Fax 355-0706
Norman & David Kolb, Mgrs. 61L
717-397-5538



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NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

HFA HORNING Farm Agency, Inc.
REALTOR MLS

Alvin Horning *Bus. (215) 286-5183*
Merle Eberly *Res. (215) 775-3745*
Alpheus L. Ruth..... Res. (215) 944-7543
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717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

COMPLETE AUCTION SERVICE
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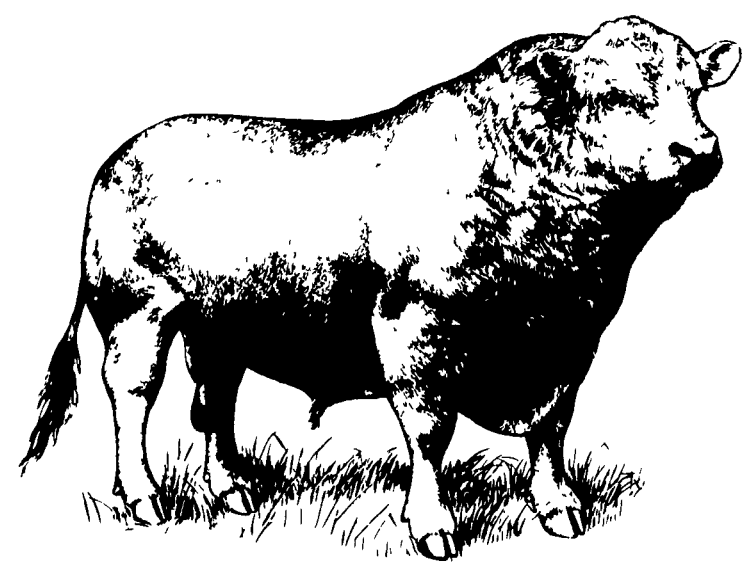


MELVIN KOLB, INC.

LANCASTER, PA MONTHLY COW SALE
Thursday, June 6, 1991 7:30 P.M.
200 - QUALITY HOLSTEINS - 200
PUREBREDS & GRADES

LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 East and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

HERD of Grade Cows from Vermont. Herd over 19,210 3.8 734 - Some fresh, others due July, Aug., Sept., and October.

Sample of Herd Selling

280 D 23,759 4.8 1132 milking 84 lbs. - Due Oct.
280 D 20,127 3.5 714 milking 100 lbs. - Due Dec.
Fresh 3/22/91 - Milking 92 lbs. of 4.3 test
241 D 18,807 4.3 811 Inc. Due July - Milking 62 lbs.
21,926 4.2 914 Due Oct. - Milking 72 lbs.
19,343 3.6 691 Inc. Due July milking 59 lbs.
2-01 17,700 3.9 682 Fresh milking 108 lbs.
22,359 4.4 1001 Due July

15 Fresh Grade Cows picked from herd in New York, big and fancy, all milking over 90 lbs. per day
20 Head of June, July, Aug., Sept., & Oct. cows -- really top cows from good herds
2 Loads of fresh & Spring cows from New England States, fresh and close springers, Purebreds and Grades
1 Load of New York State Cows -- good heavy milking cows
6 Good Purebred Jersey Cows

Sample of Purebreds Selling

- A Very Good BRIDON ASTRO JET Dtr., fresh milking over 100 lbs. per day
- A GP A BUTLERVIEW MATTADOR Dtr. - milking 100 lbs. per day
- A VG CHERRY LANE SUPERSTAR Dtr. just fresh had 90 lbs.
- A BRIDON ASTRO JET Dtr. due Oct. milking heavy
- A Big Fancy WILLOWHOLME MARK ANTHONY Dtr. due Sept. 7

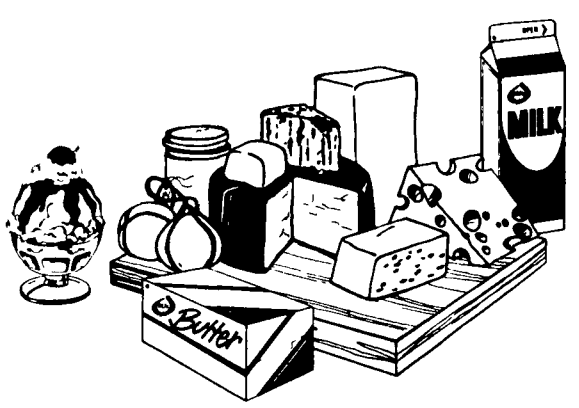
2 SERVICE AGE BULLS:

- A TO-MAR BLACKSTAR Son, Dam 365 days 36,759 4.1 1517
- A EL-A-RAY VALIANT DEFIA Son, Dam 31,354 3.5 1089
- Several Good Purebred Heifer Calves
- Many more really good ones not in this ad but will be catalogued for Sale.

Farmers: If you need plenty of milk plus High Testers, come Thursday Night. You'll see a fine selection of cows and heifers. Lots of real milk cows.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please call: (717) 569-2106 or (717) 569-6800 before noon on Wed., June 5, 1991.

PA FARM -
2220 Dairy Rd.
Lancaster, PA



FREE LUNCH FOR ALL DAIRY FARMERS

Sale Managers: Dennis & Mel Kolb
Auctioneer: Robert C. Mullendore (AU-000644-L)
Pedigrees: Henry Kettering

Thanks, Dairy Farmers

For Producing Jobs, Boosting Our Economy And Nutritional Needs, And Attaining The Highest Standards Of Quality.

We Want To Thank The Following Dairymen For Giving Agri-Inc. The Privilege To Design & Build Their Dairy Systems In 1990

MARLIN BENNETCH
60 Cow 2-Story Tie Stall Barn

CARL ZEAGER & SONS
2-Story Barn Milking Parlor

RIDGEVIEW FARMS
Freestall Barn Addition
Milking Parlor - Hospital Area

LAYNE KLEIN
51 Cow Tiestall Barn
Remodel & Addition

DENNIS J. MYERS
Calf Raising & Storage Bldg.

HAROLD HEERES
169 Cow Freestall Barn - Milking Parlor
Gravity Flow Manure System

RICHARD LEININGER
Gravity Flow Manure System

KENNETH E. ZURIN
Freestall Barn Repair

JOHN BRUBAKER
Heifer Facility

ROBERT DUCKWORTH
Heifer Barn Repair

KREIDER DAIRY FARMS
Milking Parlor Remodeled

ROBERT GROFF
Feed Room

TIM KISSLING
Calf Raising & Weaning Facility

Serving The Agricultural Industry For Over 20 Years

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Valley View Country Store

Distributed by Keystone Stihl

Farm Brothers Realize Importance Of Water

LINDA WILLIAMS
Bedford Co. Correspondent

FRIENDS COVE (Bedford Co.) — The rolling, peaceful hills of Friends Cove in Bedford County make up the farm of Rick and Ed Deputy.

In 1974, Edward Deputy Sr. was leasing a farm in Delaware and raising two sons who wanted to grow up to be farmers. Deputy began looking for land and found a farm in Bedford County, where land prices were still reasonable.

The boys grew up and Deputy bought a second farm. Today, Rick and Ed lease 174 acres from their father and he farms an additional 100 acres.

The cows come in from the pasture on the Deputy farm in Friends Cove.

Rick and his wife, Susan, have three sons. Ed and his wife, also Susan, have three daughters. The two brothers live in homes located on the farm and milk 175 head of Holsteins (more than half of them registered).

"We also have 135 head of young stock," Rick said. "We raise all of the cattle feed, except the protein."

Proud of their record in protein and fat production, they have seesawed over first place with the Bryron Over Farm in Morrisons Cove for the last six years. In April, Rick points out the herd average was 22,471 pounds of milk, 826 pounds of fat, and 694 pounds of protein from the 175 cows.

Rick manages the cows and credits the success of the top production to protein and to "looking after the small things.

"I mean things like keeping an eye on sick cows and mastitis problems," Rick said. "We also feed a lot of dry hay and keep water always available. We have watering troughs in the pastures. Water is important in milk production and it's cheap food."

Water has always been readily available on the farm. Two years ago, they drilled a new well which

(Turn to Page D4)

The Ed Deputy family, left to right, rear, Susan, Sara, and Ed. Kneeling are Mary Jo and Carrie.

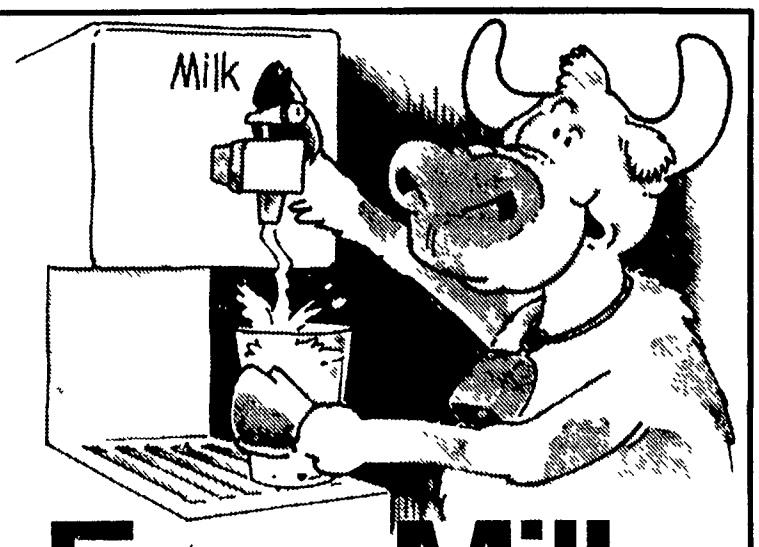
LINDA WILLIAMS
Bedford Co. Correspondent

Linda Williams has been writing for Lancaster Farming for 2½ years. She is an insurance agent with the DeArment Insurance Agency in Bedford.

Williams does freelance writing on a regular basis for Lancaster Farming, the "Altoona Mirror, "Penn Line," and "Pennsylvania Magazine," and had the June calendar photo for "Sheep Magazine" in 1991.

Active in her church as a choir member and Sunday School teacher, Linda is also an advocate of helping to bring the Pittsburgh Symphony's Summer Home to Bedford County. "My pet project would be to help educate city visitors to the symphony about the importance of farming," she said.

Linda Williams



Free Milk
at Lebanon Valley National Bank

In honor of National Dairy Month, Lebanon Valley National Bank's agricultural loan professionals and LVNB-area farmers invite you to enjoy a refreshing glass of milk at our Womelsdorf, Myerstown, Schaefferstown, Pine Grove, Ephrata and Warwick Center offices.

Milk's the One — and you are too! We're ready to serve your agricultural banking needs.

LVNB Agrigroup:
Mike Firestine - Sr. Agricultural Loan Officer
Bob Donaldson - Agricultural Loan Officer
Sean McKinney - Agricultural Loan Officer
Mary Ann Keith - Agricultural Loan Coordinator
Sally Royer - Agriculture Secretary

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- Big-tractor performance with compact tractor economy
- 16 engine hp, 3-cylinder diesel
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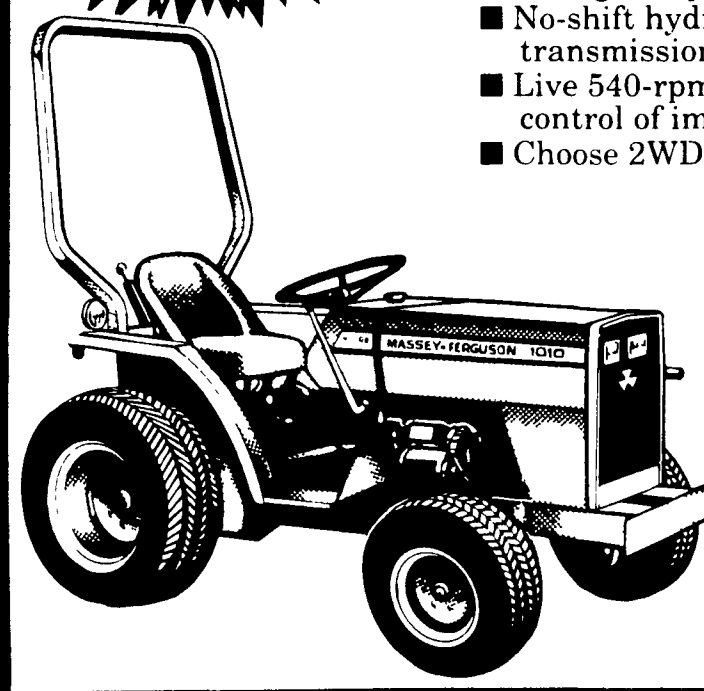
- Live 540-rpm PTO for better control of implements
- Choose 2WD or 4WD



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WE PROUDLY SALUTE AMERICA'S DAIRYMEN

JUNE IS Dairy MONTH

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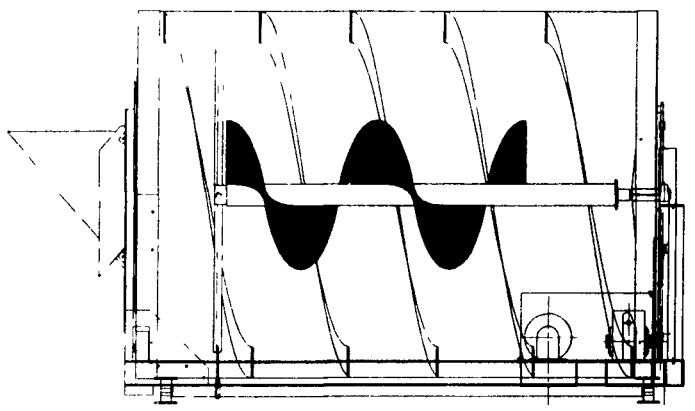

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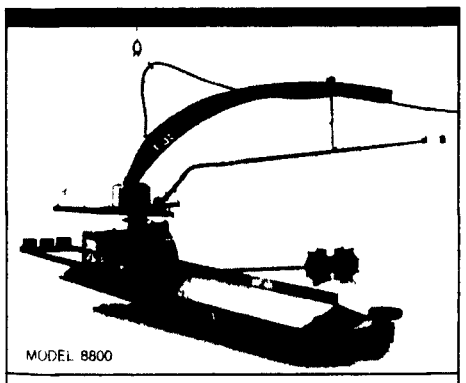
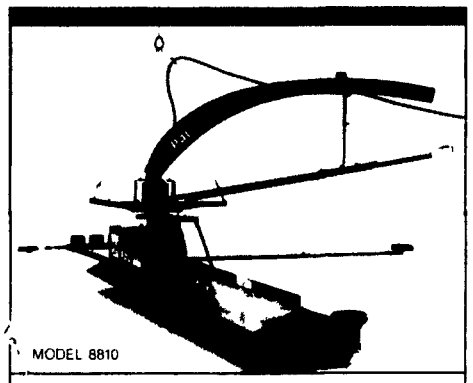
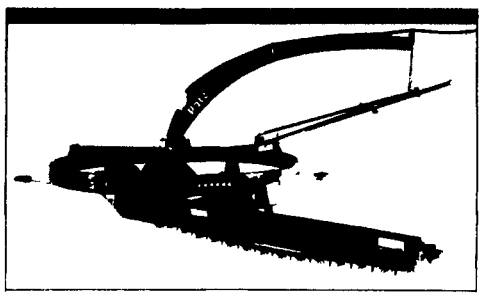


Dual-auger surface-drive silo unloader with Patz quality

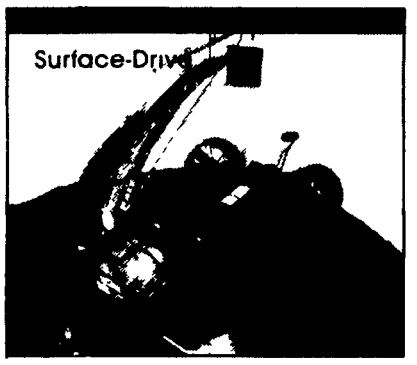


Dual-auger center-drive silo unloader with Patz quality



RD-820 RING-DRIVE SILO UNLOADER

Both silo unloaders have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.
* Silo Unloaders and Gutter Cleaners



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Importance Of Water

(Continued from Page D2)

runs much deeper than the previous one and Cove Creek runs through the property.

As to the recent decline in milk prices, Rick said, "Prices will go back up when enough farmers go out of business. Efficient farmers will continue to survive. But it is a worry when you have debt. The older farmers, or those who have inherited the farms, are the most likely to remain solvent."

Always willing to experiment with something new, Rick said they recently installed a total mixed rations (TMR) feeder. "We're mixing grains and forage, and we're hoping it will pay off."

Instead of feeding four times a day, the Deputys now feed only twice a day. "We feed the big milkers extra grain. We don't know what the results will be, but we're anxious to find out."

Rick and Ed pasture their cows as much as possible. "We keep them in the barn in the winter and at night during spring and fall, but the cows seem to be very happy in the pasture during the summer."

While Rick is taking care of the cows, Ed handles the chores in the fields. "We raise corn, alfalfa, oats, rye and cover crop seed," Ed said. "So far, it's been a dry spring, but that's helping to keep the slugs out of the corn."

The Deputys are plagued by

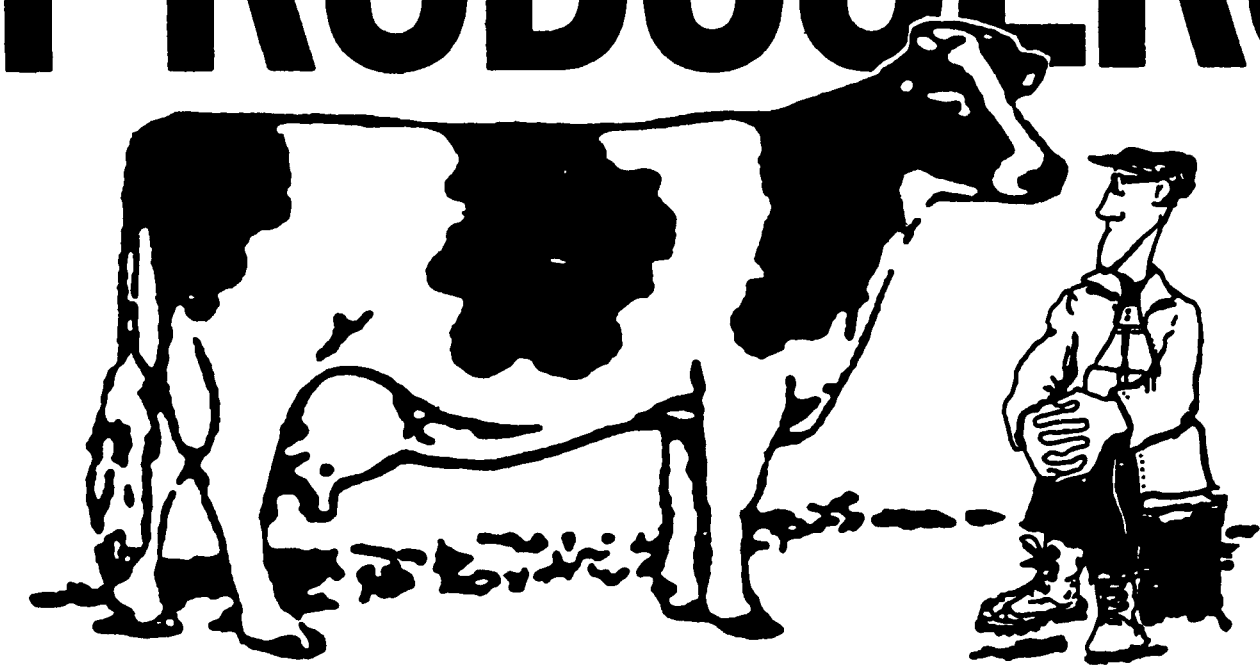
(Turn to Page D5)

Susan Deputy and her strawberry patch. She hopes to sell berries this summer.

The Rick Reputy family, left to right, Rick holding Matthew and Susan. In front are Joshua and Ryan.

A Time to Salute the

PRODUCERS



Cows and dairy farmers are the unbeatable team that makes possible all those delicious, nutritious real dairy foods...milk, cheese, butter, ice cream, yogurt, creams and more. Now's the time to salute this highly productive twosome because it's June Dairy Month, our 54th Annual Celebration. Join us!

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Importance Of Water

(Continued from Page D4)

Army worms and leaf hoppers. They use lime to cut down on slugs and other insecticides when necessary. Most of their crops are used to feed their own livestock, but when a good year permits, they sell up to 600 bushel of rye.

Both Ed and Rick always wanted to farm. Rick was advised against it because of health problems. Several years ago, he had open heart surgery, but he hasn't let that slow him down. "I like the challenge of farming and I like being outside," he said.

Ed tried factory work at a nearby industry. "But it only lasted about a year," he said. "It didn't take me long to realize this is where I really want to be."

The Deputy farm employs three full-time hired hands.. Ed's Susan also helps with the milking when it is necessary. Susan raises a large patch of strawberries, has raspberries growing next to the garage, and is setting out a patch of blueberries. She also drives a van for the Bedford School District.

Her three daughters, Sara, Mary Jo, and Carrie are all active in the local 4-H, "The Friendly Moo-Moos."

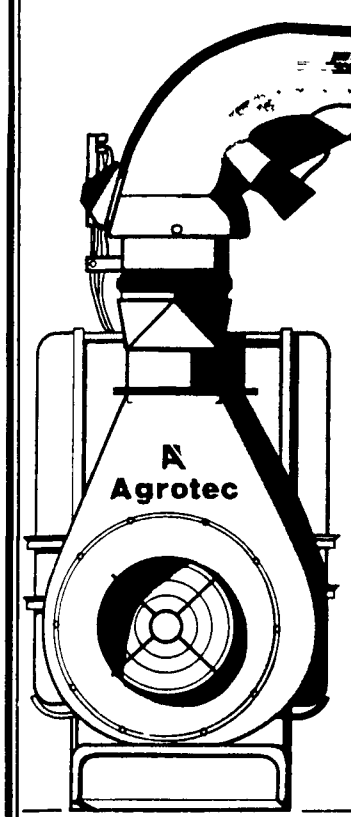
They enter competitions at the Bedford County Fair and according to dad, "They do all right."

"We don't have time to really concentrate on their fair projects," Ed said. "But we do try to keep them interested." The girls all play softball and are active in the United Church of Christ in Bedford.

Rick's Susan keeps the books for the farm and works part time at the local school cafeteria. Rick and Susan's sons are Matthew, 2½; Joshua, 8; and Ryan Karns, also 8. The older boys are involved in baseball and Joshua competes in 4-H fair competition.

According to the Deputys, farming, despite all its problems, is a great way of life.

Ed and Scott at the young cattle pen. The Deputy brothers built this new shed last summer.



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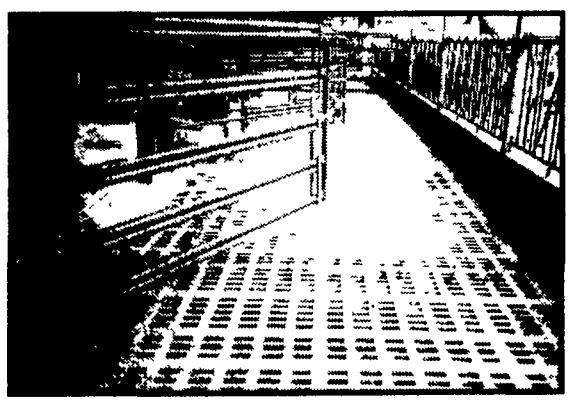

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Family, Friends, Neighbors, And Grace Pulled Them Through

AGNES R. SMITH
Northampton Co.
Correspondent

STONE CHURCH (Northampton Co.) — Times may be tough now for dairy farmers, but for some, the past wasn't so good either.

On Thanksgiving Day in 1950, right after Franklin Smith purchased Cloverdale Farms from his father-in-law, Clarence Pysher, misfortune fell — a tornado came and ripped off the barn roof. Rain poured down through, saturating the hay. Even after the storm and devastation took its toll, Franklin and his wife, Marion, milked the cows with water dripping all over them.

After the animals were first taken care of, the roof became the No. 1 priority, said Franklin. "I had wonderful help," he said. "My father-in-law stuck with me on everything I wanted to do. Help came from God and my family."

Paul, Franklin's son, purchased the farm in 1980, ending a 16-year partnership. Paul is a husband of Agnes Smith, Northampton Co. correspondent for Lancaster Farming.

Strong faith

"The base of strong faith in God and firm family ties have kept the farm through very difficult times," said Agnes. The Paul Smith family consists of Pamela and three stepchildren, who joined the family when he married for the second time. His stepson, Vernon, helped on the farm during three high school years. Steven worked for two years after a year in college. Agnes said that stepdaughter Tracy tried to get involved with the farm, but allergies prevented her.

Times haven't been all that easy to Agnes, either. "I grew up in West Virginia, one of seven children," she said. "My parents had a small subsistence farm. My father worked in the timbering business. I considered myself a farm girl.

"At age 17 and seven-eighths, I married a career Navy man and moved to Philadelphia. There, my son was born. We later moved to Easton, Pennsylvania, and two years later the marriage ended in divorce," she said.

Two and a half years later, Agnes remarried "and increased my family with two stepchildren," she said. Seven years later, however, her husband died of a massive

(Turn to Page D8)

Frankel Hill is a 30-acre tract of land that Paul Smith purchased in 1983. The acreage was covered with trees about four inches in diameter. A local construction firm was hired to clear the land using a brush hog. The stone rows were removed and used for a roadway to connect the home farm with the newly purchased property.

AGNES R. SMITH
Northampton Co. Correspondent

Agnes R. Smith lists her current occupations as "farmer assistant, cook, chauffeur, personnel director, referee, mother, grandmother, and entertainment charge d'affaires."

Agnes grew up in West Virginia, one of seven children, she said. Her parents had a small subsistence farm and her father worked in the timbering business.

"I considered myself a farm girl," she said.

Nearly 18 years old, she marrried a career Navy man and moved to Philadelphia. There, her son was born, and she later moved to Easton, Pennsylvania. Two years later, the marriage ended in divorce.

But 2½ years later, Agnes remarried and increased her family with two stepchildren. After her husband died of a heart attack, she met a brother of a friend.

They went on a one-day bus trip with the Lions Club, and, at an evening meal, Agnes remembered that "Paul tripped and dropped his plate at the salad bar. It squished onto the carpet. He was so embarrassed. I, on the other hand, was used to emergences, so I took a napkin and immediately cleaned up the spill. Paul was very impressed. He probably figured I'd be good at cleaning up cow flops."

Agnes and Paul Smith

They married in 1978 and raised his three daughters and her one. "We now have three lovely stepgrandchildren. Paul's daughter is planning to be married in the fall. My son is pursuing a career in music. He has no plans for marriage at this time. None of the children is interested in farming."

Agnes said they are planning to "continue farming as long as we can, and I am enjoying writing."

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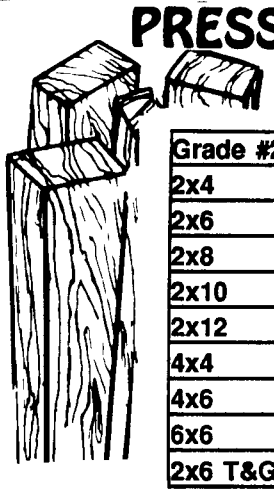

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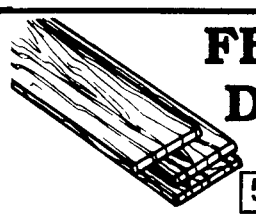

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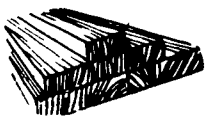

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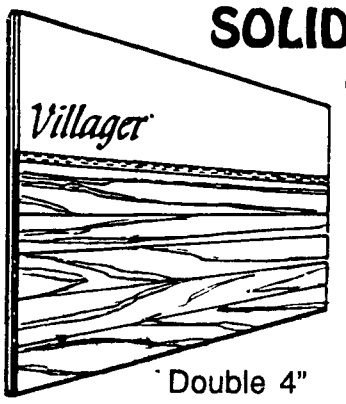

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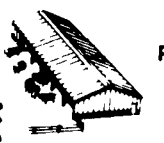

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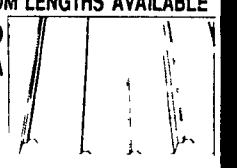

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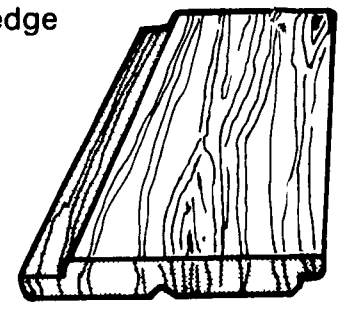

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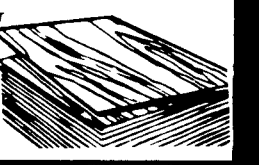

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CARTER 1991

Family, Friends, Neighbors

(Continued from Page D6)

heart attack. "He was a diabetic for many years, which caused him to go blind. During this time, my strength came from God and lovely Christian friends. The children became close to me and my son."

Met husband

Agnes recounted how she met her husband. They married in 1978 and "together raised my three and his one daughter. We now have three lovely stepgrandchildren." Paul's daughter is planning a fall marriage and Agnes' son is pursuing a career in music.

The farm itself is 193 acres, and the Smiths rent another 250 acres from neighbors "who no longer farm their ground," said Agnes.

The stanchion barn houses 63 milk cows and is automated. Six milkers are used and plugged into a two-inch pipeline. The bulk tank is set up with a hot water heater. As the milk is being cooled by the circulated water, the preheated water is then piped into the electric hot water heater. This preheated water is used for feeding calves.

In the old days, Franklin Smith rememberd carrying milk, dumped into pails. While he forked silage in front of the 40 cows, his wife, Marion, milked them.

Silage forked out

Paul remembered the way silage was forked out of rented wooden silos, forked into a cart, and then forked around to the cows. If anybody knows about shoveling and forking, "I do!" said Paul.

A mixer was purchased for a total mixed rations (TMR) system in order to increase butterfat. Seventy acres of soybeans are planted for use in the TMR. One half is roasted and cooled. The roasted beans are ground along with one half raw beans to provide the bypass protein to help stabilize butterfat.

Vitamins and minerals are added, along with the home-grown forages. Molasses is added once a day after the top-dressed high moisture corn and soybeans.

The mix is distributed with an electric feed cart.

Better than forking

"Everyone who is shown the operation learns quickly that this method is a lot better than forking all that silage," said Agnes.

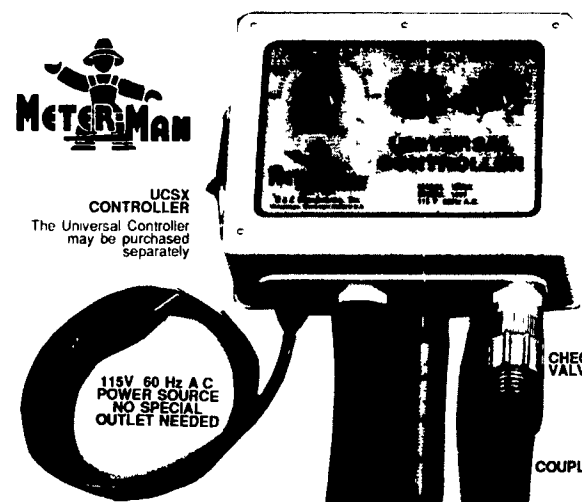
One hundred fifty acres of alfalfa hay and 25 acres of grass hay are grown. The alfalfa is seeded out without a cover crop in order to have a clear stand of hay sooner.

The first cutting of hay is put in an 80-foot by 20-foot silo for haylage and refilled at the last cutting. One hundred eighty acres of corn is used for high moisture shelled corn and to fill a 70-foot by 20-foot silo with corn silage.

The first silo was erected in Feb. 1974 for haylage. A second was erected in May 1974 for high moisture corn. A third silo was added in 1981. Since the farm was pur-

(Turn to Page D9)

METER-MAN UNIVERSAL COOLING SYSTEM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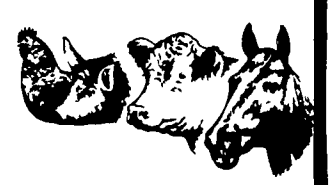

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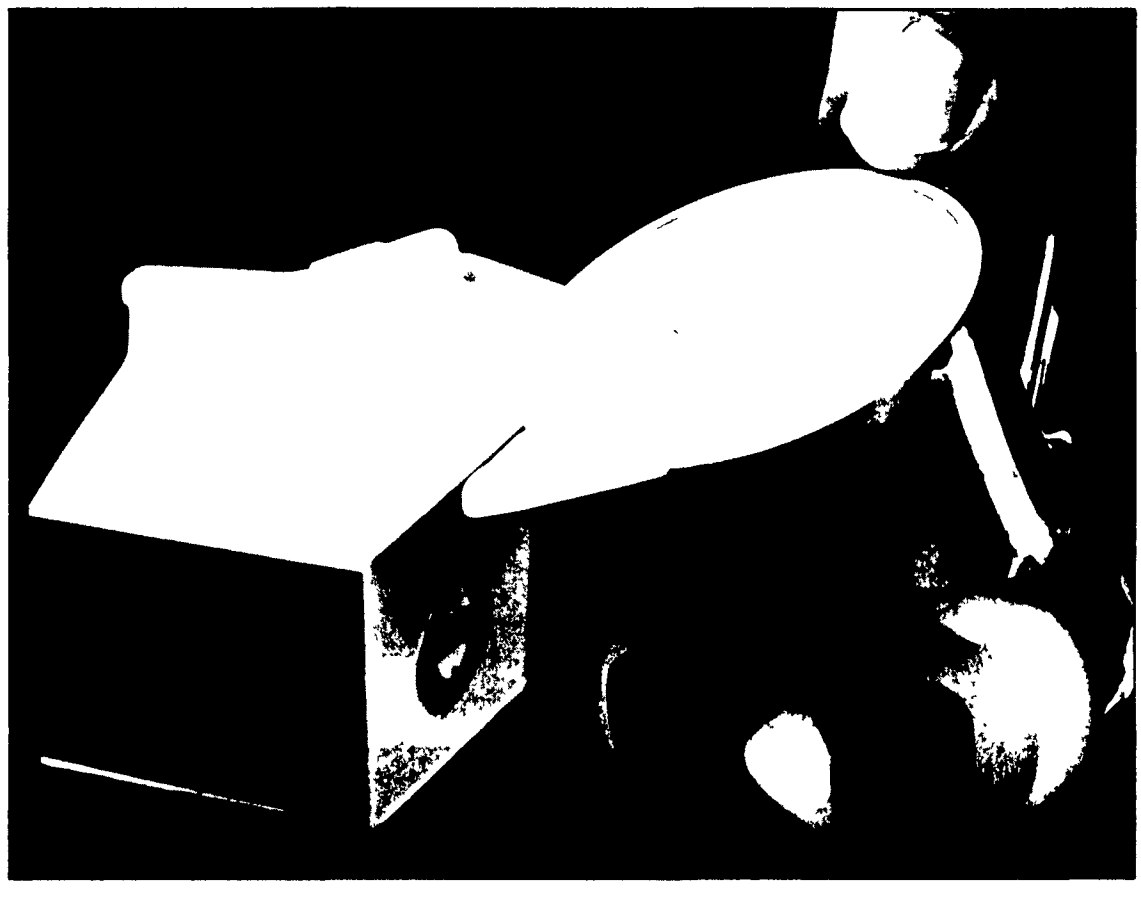

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Family, Friends, Neighbors

(Continued from Page D8)

chased, several more buildings have been added.

Herd average

The rolling herd average is 19,229 pounds with 3.6 percent butterfat. Twenty dry cows are kept in a freestall pole barn out from the main barn, along with 50 calves and heifers in various stages of growth.

The bull calves are sold. The locking head gates allow the animals to get used to stanchions before entering the milking barn after freshening.

The freestall pole barn was designed by Paul in order to be efficient in feeding and caring for the animals, he said. A 150-foot concrete walk was poured to connect the feed room with the facility. The electric feed cart can be filled inside the barn and taken out to feed the animals.

Hay is brought over from the hay shed (constructed in 1988) with a front-end loader. The loader can drive down the full length of the feed alley and drop off bales where they are needed.

Manure cleaned out

The manure is cleaned out of the alleys by the loader, scraping the full length of the barn, into a manure spreader located in a push-off pit at the back of the barn. The gates dividing the pens can be swung open in order to accomplish this. The animals can be moved from one side to the other the same way.

Newspaper, obtained in bundles from the local township, is shredded for a bedding pack. The shredder is attached to the back of the loader and drives down the alleyway and is blown into the stalls on both sides at the same time.

Agnes said that her husband "became interested in the newspaper bedding idea when he saw it being used at the Pennsylvania Farm Show in Harrisburg.

"One of the worries using this method of bedding was having paper blowing around the building," she said. "But once the paper is in place, it seems to hold once the animals start walking or lie down.

Current milk crisis

The current crisis of milk prices seems to be one of the hardest to deal with, said Agnes, "along with keeping hired help. The long hours and hard work comes easy if you own it, not if you just work there.'

The Smiths raise a few pigs for slaughter in the winter months. "Purebred Landrace is the choice breed, becauswe they have more pork chops," said Franklin.

The family gets together on butcher day and helps cut meat, make sausage, and fry homemade scrapple.

Trees on the stone rows are cut down during the winter months and the firewood is used to heat the 16-room double farm home, said Agnes. "The savings on fuel oil is substantial," she said.

Paul, a member of the Pennsylvania Farmers' Association, was awarded the Northampton Co. Conservation Award in 1987. When asked what his hobbies are, he said, "farming."

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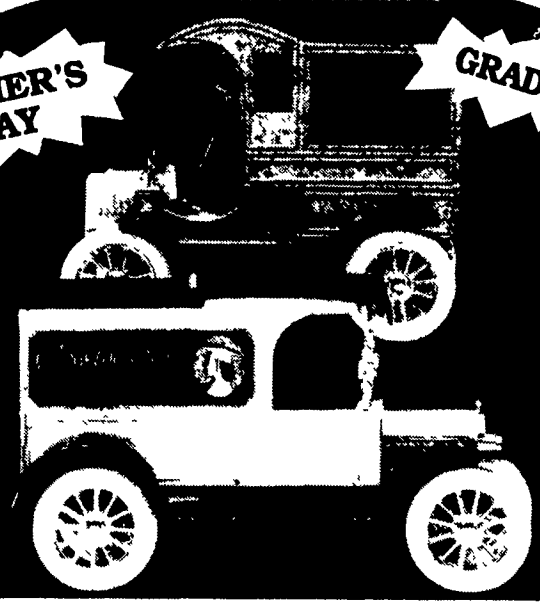
GRADUATION



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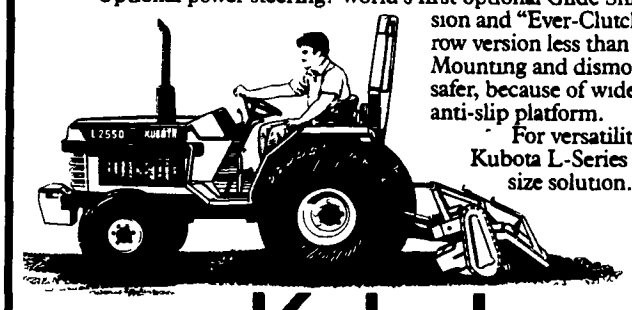

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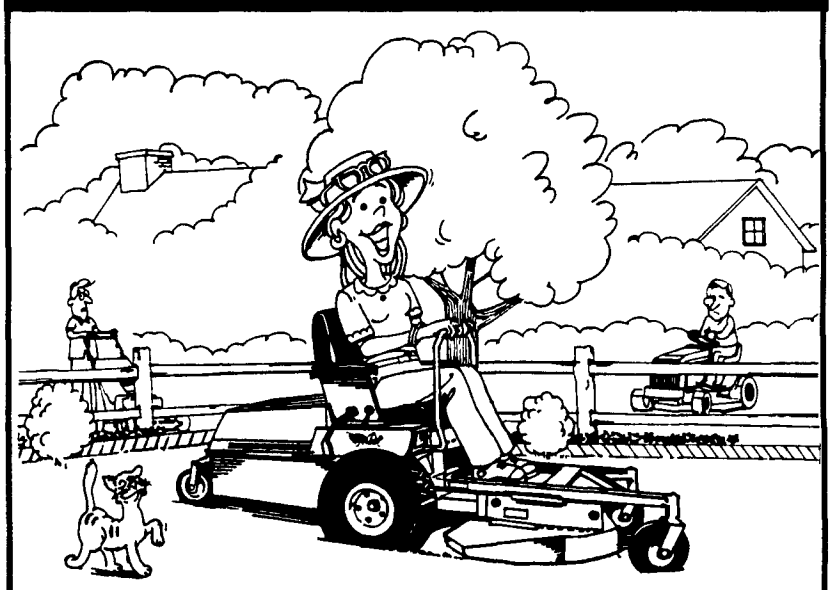

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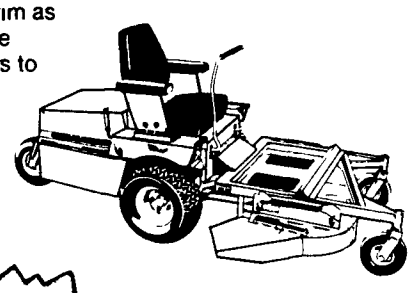

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Woodlot Owners Can Apply For Workshop

COLLEGE PARK, Md. — Woodland owners and managers interested in forest and wildlife management can apply to attend a free training workshop Sept. 5-8.

The workshop is part of an ongoing outreach and training program called the Coverts Project, which is sponsored by the Cooperative Extension Service at the University of Maryland and funded in part by the Ruffed Grouse Society.

The project gets its name from thickets that provide sheltering habitat for wildlife.

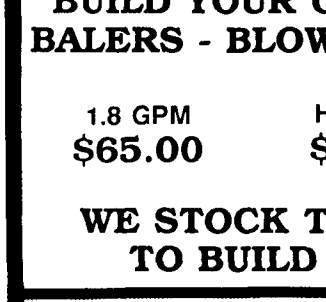
The Coverts workshop will focus on general forestry and wildlife principles that can be applied to the mountains of Garrett County, the flatlands of the Eastern Shore, or anywhere in between. Participants will learn how sound forest management practices can make wildlife more abundant, healthy and diverse while enhancing timber growth, aesthetics, and other forest benefits.

In return for the free training, reference materials and follow-up seminars, the participants — dubbed "Coverts Cooperators" — will be asked to establish a sound forest and wildlife management plan for their own property and to make an effort to share what they have learned with others through a variety of outreach activities.

"Our goal is to develop a statewide network of volunteers who can help individuals contemplating forest and wildlife management get the professional assistance they need to accomplish their land-use objectives," said Jonathan Kays, a regional Extension natural resources specialist and Coverts coordinator.

The first 30 Coverts Cooperators — trained last year — have begun this process by providing information to woodland owners, youth, and the general public in their communities.

If you are interested in becoming a Coverts Cooperator, contact Jonathan Kays, Western Maryland Research and Education Center, 18330 Keedysville Road, Keedysville, MD 21756, (301) 791-2298 or Bob Tjaden, Wye Research and Education Center, P.O. Box 169, Queenstown, MD 21658, (301) 827-8056. Applications for the September 1991 workshop will be accepted until June 23.



Milestones Of Dairy History In United States

1525	Spanish priests bring cows to West Coast missions
1611	Cows arrive at Jamestown Colony, the first permanent English settlement
1624	Cows reach Plymouth Colony
1841	First regular shipment of milk by rail — upstate New York to New York City
1846	Rotary paddle freezer invented, stimulating commercial manufacture of ice cream
1851	First commercial ice cream plant established by Jacob Fussell in Baltimore, Maryland
1851	First U S cheese factory started in Rome, New York
1856	Pasteur begins experiments which discover that microbes can be killed with controlled heat
1856	Condensed milk patented by Gail Borden in U S and England
1871	First United States creamery to manufacture butter built in Iowa
1878	Dr Gustav DeLaval invents continuous centrifugal cream separator, making it easy to remove cream from milk
1884	Milk bottle invented by Dr Hervey D. Thatcher of Potsdam, New York
1890	Tuberculin testing of dairy herds introduced Test for fat content of milk and cream perfected by Dr S.M Babcock
1891	First dairy school in America established at the University of Wisconsin
1904	World's first ice cream cone introduced at St Louis World's Fair
1908	First compulsory pasteurization law applied in Chicago to all milk except that from tuberculin-tested cows
1913	Dr. E V McCollum discovers vitamin A in milk
1914	Tank trucks first used for transporting milk
1919	Homogenized milk goes on sale for the first time in Torrington, Connecticut
1932	Practical ways of increasing vitamin D in milk developed
1932	First plastic coated paper milk cartons introduced commercially
1937	June Dairy Month introduced as national event
1938	Farm bulk tanks for milk began to replace milk cans
1939	Soft ice cream invented
1942	Every-other-day milk delivery starts
1946	Vacuum pasteurization method perfected
1948	Ultra-high temperature (UHT) pasteurization introduced
1955	Flavor control equipment for milk introduced commercially
1964	Plastic milk container introduced commercially
1974	Nutrition labeling of fluid milk products introduced
1981	Shelf-stable (UHT) milk begins commercial distribution
1984	Lactaid milk introduced to the consumer
1986	Fiftieth celebration of June Dairy Month
1987	Yogurt sales 110 percent higher than 10 years earlier; the largest increase of any dairy product
1989	Recommended Dietary Allowances (RDAs) increase calcium need of women, first update in 10 years

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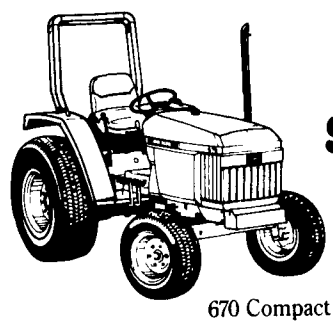

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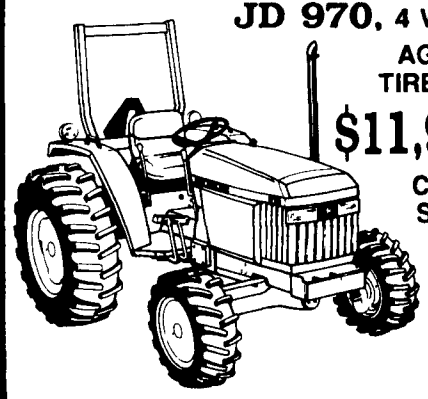

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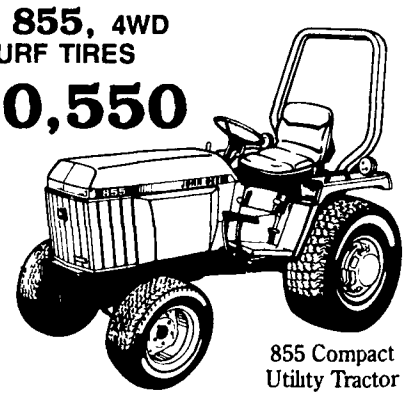

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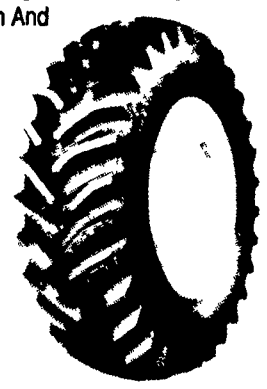

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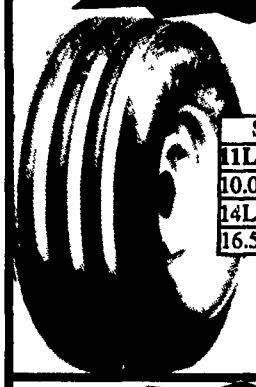
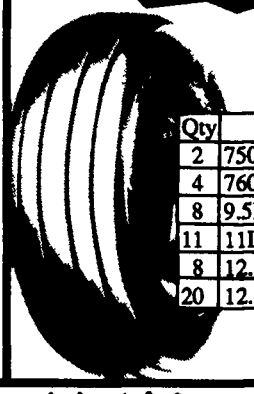
18.4-38	6 Ply	$405.00

DYNA RIB PREMIUM



Size	Ply	Price
11L-15	6 TL	$ 99.00
10.00-16	6 TL	$103.00
14L-16.1	10 TL	$213.00
16.5L-16.1	8 TL	$350.00

FARM WAGON



Qty	Size	Ply	Price
2	750-14	4 TL	$50.00
4	760-15	8 TL	$44.00
8	9.5L-14	8 TL	$51.00
11	11L-15	8 TL	$52.00
8	12.5L-15	8 TL	$69.00
20	12.5L-15	10 TL	$80.00

FRONT TRACTOR

Size	Ply	Price
3 Rib		
6.00-16	4 TT	$ 38.00
6.00-16	6 TT	$ 48.00
4 Rib		
11L-15	8 TT	$ 79.00
10.00-16	8 TT	$ 84.00
11.00-16	8 TT	$101.00

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SUPER GRIP LOADER

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- Good for both hard and soft surfaces.

Size		Ply	Price
23-8.50-12	SGL	4 Ply	$ 57.00
27-8.50-15	SGL	4 Ply	$ 64.00
27-8.50-15	SGL	6 Ply	$ 72.00
27-10.50-15	SGL	6 Ply	$ 80.00
10-16.5	SGL	6 Ply	$ 97.00
12-16.5	SGL	6 Ply	$124.00
12-16.5	SGL	8 Ply	$127.00
14-17.5	SGL	10 Ply	$296.00
15-19.5	SGL	8 Ply	$349.00
15-19.5	SGL	12 Ply	$358.00

SPECIAL PURCHASE OPPORTUNITY

Qty.	Size		Ply	Price Each
5	10-16.5	Skid Loader	6 Ply	$ 75.00
*4	11.2-24	R-1 Rear Tractor TT	6 Ply	$150.00
*2	14.9-24	R-1 Rear Tractor	6 Ply	$200.00
8	18.4-24	R-4 Backhoe TT	2 Ply	$415.00
*2	11.2-28	R-1 Rear Tractor TT	6 Ply	$115.00
*4	13.6-28	R-1 Rear Tractor TT	6 Ply	$165.00
*4	16.9-28	R-1 Rear Tractor TT	6 Ply	$240.00
*4	9.5-32	R-1 Rear Tractor TT	6 Ply	$155.00
*4	16.9-34	R-1 Rear Tractor TT	8 Ply	$306.00
*4	18.4-34	Rear Tractor Radial TT	8 Ply	$415.00
*2	18.4-34	R-1 Rear Tractor TT	8 Ply	$295.00
*2	9.5-36	R-1 Rear Tractor	6 Ply	$152.00
*2	15.5-38	R-1 Rear Tractor TT	6 Ply	$259.00
*4	15.5R-38	Radial Rear Farm TT	8 Ply	$225.00
*2	18.4-38	R-1 Rear Tractor TT	6 Ply	$350.00
*2	18.4-38	R-1 Rear Tractor TT	8 Ply	$365.00
*2	20.8-38	R-1 Rear Tractor TT	8 Ply	$500.00

* Long Bar-Long Bar Tread Design

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RIB TYPE

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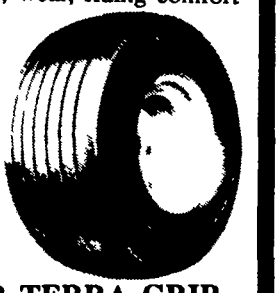
- Free-rolling rib design.
- Uniform high-flotation tread pressure for less turf cutting.

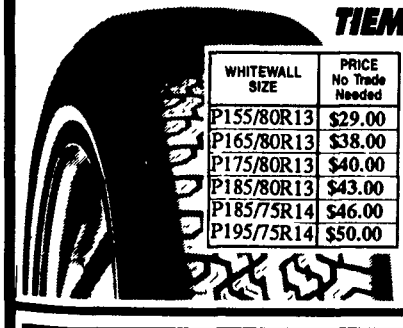


SUPER TERRA GRIP

- Deep biting lugs for traction.
- Self-cleaning tread
- High flotation on soft terrain
- Large footprint for superior load distribution.

Steel Belted Strength... All Season Tread

TIEMPO RADIAL



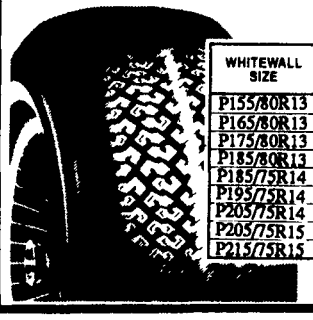
WHITEWALL SIZE	PRICE No Trade Needed
P155/80R13	$29.00
P165/80R13	$38.00
P175/80R13	$40.00
P185/80R13	$43.00
P185/75R14	$46.00
P195/75R14	$50.00

WHITEWALL SIZE	PRICE No Trade Needed
P205/75R14	$51.00
P205/75R15	$53.00
P215/75R15	$56.00
P225/75R15	$59.00
P235/75R15	$62.00

GOODYEAR

Great Traction In Any Weather

ARRIVA RADIAL



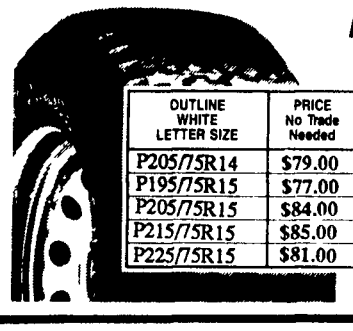
WHITEWALL SIZE	PRICE No Trade Needed
P155/80R13	$40.00
P165/80R13	$47.00
P175/80R13	$50.00
P185/80R13	$51.00
P185/75R14	$56.00
P195/75R14	$60.00
P205/75R14	$61.00
P205/75R15	$69.00
P215/75R15	$71.00

WHITEWALL SIZE	PRICE No Trade Needed
P225/75R15	$72.00
P235/75R15	$76.00

GOODYEAR

LIGHT TRUCK RADIALS

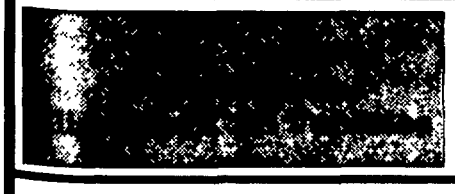
P-WRANGLER RADIAL

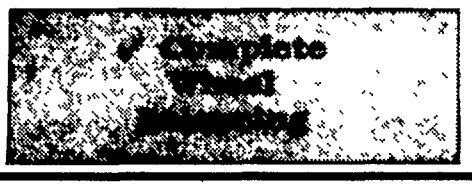


OUTLINE WHITE LETTER SIZE	PRICE No Trade Needed
P205/75R14	$79.00
P195/75R15	$77.00
P205/75R15	$84.00
P215/75R15	$85.00
P225/75R15	$81.00

OUTLINE WHITE LETTER SIZE	PRICE No Trade Needed
P235/75R15 (SL)	$86.00

GOODYEAR





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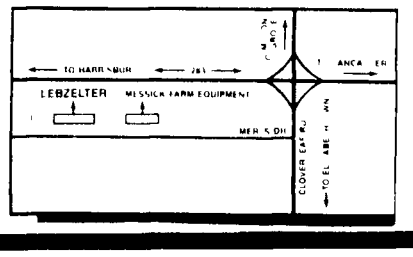

Montgomery Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Arlin Halteman	B3	67.0	90.6	20,296	705	661
Patty-Run Dairy Farm	B3	64.1	87.8	20,830	760	645
Robert Hewitt	B3	28.6	91.2	20,479	632	643
George Seneko Jr	3	65.3	89.9	19,763	711	642
Fred Seipt Family	3	117.6	88.1	19,877	691	636
W B Saul High School	3	20.5	89.3	20,294	699	631
Correctional Indust	B3	157.8	86.1	19,549	674	625
Robert + Terry Moser	B3	82.6	89.9	18,760	656	624
Richard A Bechtel	B3	84.4	89.2	19,463	694	624
Edwin A Pollock	B3	42.0	87.8	19,005	569	608
Harold K Halteman	3	62.2	89.1	19,076	709	597
Chester Soltys III	B3	57.6	88.1	19,217	661	593
Harold Moser Jr	B3	96.7	83.3	18,287	682	586
Hallowell Farms	G3	67.0	84.6	17,953	625	580
Arthur R Kulp	B3	51.7	87.0	17,968	604	574
Merrill Mest	B3	35.8	86.4	18,285	673	572
David P Longacre	B3	90.0	90 7	17,455	642	563
Merrymead Farm	3	106.5	87.9	17,667	642	561
E Jay Renninger	G3	126.4	84 5	17,506	625	560

LUZERNE CO. DHIA
April 1991
Rolling Herd Averages

Owner	Breed	No. Cows	% Days In Milk	Milk Lbs.	Protein Lbs.	Fat Lbs.
Paul Stoss, Jr.	RH	49.2	88.1	20,846	649	827
Jack & Nelson Dent	RH	40.1	81.6	19,709	634	834
Robert Hough	RH	58.4	87.9	20,194	628	858
WM Dagostin & Sons	R&Gr	141.8	87.2	20,211	628	723
Pecora Bros	R&GrH	212.7	87.1	18,508	615	680
Hillside Farms Inc.	RH	82.3	83.9	18,714	611	786
Drwd & Dennis Moyer	R&GrH	64.0	84.4	18,967	602	748
Floyd Rinehimer	R&GrH	28 9	88.6	17,962	569	721
Charter Land Farms	R&Gr	20.9	86.0	17,053	562	609

Lactation Report

Wm Dagostin & Sons					
362	H	4.5	302	24,972	999	771
379	H	3.11	305	25,599	865	785
84	H	3.2	305	24,129	729	765
Pecora Bros.						
49-1954	H	5.10	305	24,085	730	748
3-2122	H	3.9	305	22,094	810	755
Derwood & Dennis Moyer						
Rae	H	7.4	303	21,771	996	697
Cassie	H	7 2	305	23,109	1029	715
Carl Troxell						
255	H	4.1	305	22,320	829	703
246	H	4 7	295	17,952	858	609
303	H	3 0	305	20,550	889	635
Robert Hough						
Polly	H	8 7	304	23,949	1106	772
Amanda	H	7 8	305	24,964	1028	762
Nan	H	6 9	305	22,001	1085	655
Priscil	H	3 9	305	18,445	877	577
Lilly	H	3 4	305	22,522	924	670
Petunia	H	3.2	305	21,665	906	673
Mikey	H	3.4	305	20,425	937	650
Jack & Nelson Dent						
Patsy	H	7.2	303	23,514	875	692
Dana	H	5 8	305	27,329	1075	783
Paul Stoss, Jr						
Sugar	H	3.4	301	23,556	1084	734
Snowbrd	H	3.1	305	22,434	909	702

MILK AMERICA'S HEALTH KICK

THINK $750.00

1991
BARN PAINTING
Aim For The Best -
In Coating Film Thickness

To do it right use the finest kind of bristle brush evening out the coating into a film thickness that does not peel in normal moisture stress (found on most barn siding from outside and inside by livestock or stored animal feed)

1. **PREPARATION.** Peeling old coatings (improperly brushed) needs to be removed The best method is simply water blasting or power washing! High volume of water - medium pressure is best! Done professionally or do it yourself, especially on the easy to reach areas This is resurfacing!!!
2. **BEST NEW START ON RESURFACED WOOD SIDING** After spraying on this kind of barn paint or stain, take time to pay attention to brush out in all directions to create a film thickness that will prevent future peeling & resurfacing costs & effort This film will let excess moisture breathe through it Depending on the amount of weather wear it can be recoated lightly in 10-15 years Southern exposures usually wear faster

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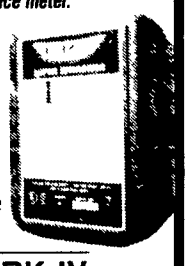

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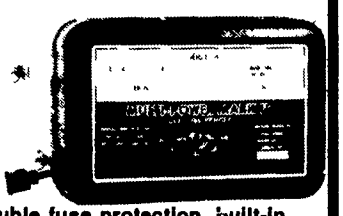
The Mack IV operates for less than 7¢ a month at 7¢ per kwh. Double fuse protection, built-in lighting arrestors. Charges up to 25 miles of fence. Fully warranted. UL listed.



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Atlantic Technician Scott Deputy *(r)* and DHR Doug Marsh *(l)* confer with Adams County dairyman Alan Zepp about his AI program.

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Potash Corrects Soil Deficiencies

ATLANTA, Ga. — The use of common potash fertilizers is essential in correcting soil potassium deficiencies.

That's important for crop producers to recognize because potassium (potash) deficiencies limit crop yields and hurt profitability.

Soil testing is a good means of assessing the potassium status of the soil, but potassium responses may occur under conditions where soil tests show that potassium is adequate.

Dr. Paul Fixen, Potash & Phosphate Institute (PPI) northcentral director, points out that recent studies with ridge-till corn in Minnesota have indicated the need for supplemental potash in the ridge, even when soil tests were adequate.

All corn hybrids in the test responded to potash application, but responses of some were much larger than others. Compaction and cold, wet soil conditions increase needs for potash in starters, even when soil tests are high.

Commercial potash fertilizers include potassium chloride (KCl), potassium sulphate (K2S04), potassium-magnesium sulphate (K2S04-2MgS04), and potassium nitrate (KN03). These compounds dissolve rapidly and are readily available for crop use.

Potash fertilizer applied this spring is available for this year's crop. Research throughout the South has shown that potash deficiency in soybeans is effectively corrected with topdressed potash applied as late as June.

Commercial fertilizer sources of potash are equally effective regardless of the color of the material and whether applied in a liquid or dry form. On very sandy soils, broadcast applications may be most effective due to greater contact with soil particles which can hold potassium against leaching. Where subsoil potassium is depleted, some form of deep placement may be advisable.

Foliar applications in the form of potassium nitrate can help enhance late season uptake, especially where plant demands are extremely high, such as those of high-yielding cotton varieties. This is a supplemental, not a complete, potash program.

Forage And Grassland Council Sponsors Awards

HERSHEY (Dauphin Co.) — The Pennsylvania Forage and Grassland Council (PFGC) sponsors several awards to acknowledge outstanding performance by forage producers and persons who work with forage producers.

This year the PFGC has also initiated an Outstanding Pasture Producer Award. This is a new award category designed to recognize the contribution that pasture production is making to Pennsylvania agriculture.

A total of five Outstanding Pasture Producer Awards can be awarded annually. Tom Calvert serves as chairman of the awards committee for 1991. For more information about the awards, contact Calvert at (814) 445-8979.

JOHN DEERE

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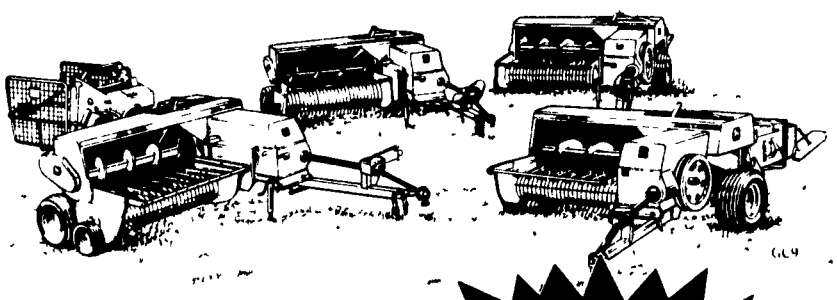

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John Deere 567 Wheel Rake, Good Cond. $950
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PDPP Hires Summer Intern

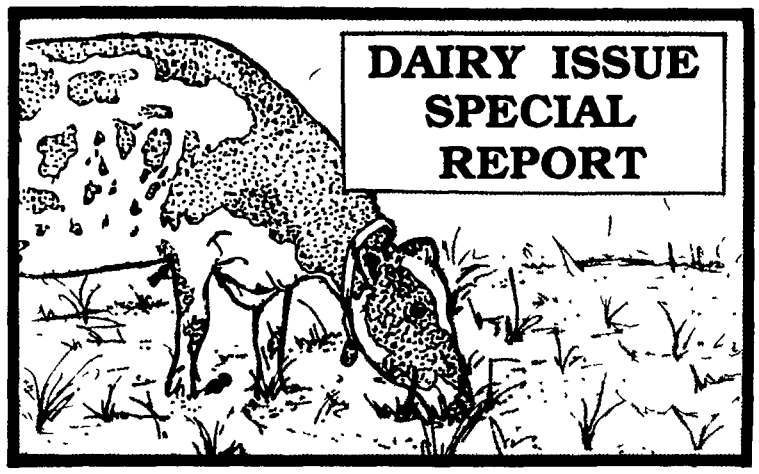
HARRISBURG (Dauphin Co.) — The Pennsylvania Dairy Promotion Program has recently hired a summer intern, Stephanie Corbin, to coordinate the program's summer ice cream promotion. Corbin, a former county Dairy Princess, started with the program on May 21.

"We are anxious to have Stephanie join our staff," said Brian Ross, PDPP program manager. "Her skills in communications and promotion will be a great asset to the program. We hope she enjoys her internship with the PDPP and learns more about Pennsylvania's dairy industry."

Corbin will be charged with coordinating the PDPP's statewide ice cream promotion, "There's Something About Pennsylvania Ice Cream." The promotion will be held during the week of July 14 to 20, at locations across Pennsylvania.

"I am excited to join the Pennsylvania Dairy Promotion Program's efforts," said Corbin. "I wanted to experience promotion activities at the state level after serving as a dairy princess and county promoter."

She is currently a senior at Grove City College, majoring in secondary education and communications. Following graduation, she hopes to work in public relations/communications or teach high school English.



DAIRYING IN THE HEART
Phil Durst
Snyder Co. Extension Agent

Dairy is the primary agricultural enterprise in Snyder, Union, Northumberland, and Montour counties, the so-called SUN Area in the heart of the Susquehanna River valley. This is the area where I work, and while it is not the premier dairy area of the state, it is an area where dairy farming will survive and be successful.

The reasons for its success, both now and into the future, are not related to its fine valleys, major transportation routes, or well-developed support industry. Rather, my confidence is placed in the quality of the dairy farmers here.

Tim and Arlene Yoder, of Selinsgrove, are milking cows again after a December 23 fire destroyed their barn, cows, and equipment. This couple, in their late 20's, illustrate four reasons why dairy farmers in the SUN Area will survive troublesome times and shine in their industry.

1. The help of friends, neighbors, and strangers. The fire at Yoder's started in the early morning hours, and word of it spread as quickly as the fire had. On Monday morning, the day before Christmas, when people usually have much yet to do, more than 100 came out to help clean up the mess left by the fire.

I've seen that type of response repeatedly demonstrated in this area whenever a farm family has been struck by a death, sickness or disaster. In fact, on the same day, just over the hill from Yoder's friends and neighbors were working to put up a barn at Clair Heimbachs to replace one lost by a fire several weeks earlier. On this day, both the Yoders and the Heimbachs said that if they got too many volunteers to help them, they would send some of them up to the other's farm. Both the Yoders and Heimbachs sent crews.

Business with whom the Yoders deal gave them breaks; semen was replaced or credit was given, the veterinarian reduced his bills and farmers donated cattle. Not a herd test was missed on DHIA because the remnants of the herd and the donated cattle were milked on another farm.

2. Parent's help in establishing the next generation. The difficulty that a young dairyman faces in getting started on his or her own may be great enough to severely constrict the industry in the next 20 years. But, over and over I have seen a parent's help make it possible for the younger generation.

Tim's parents owned the barn that burnt and the land that Tim and Arlene farm. They worked hard to rebuild not only the physical barn, but also the dairy future of Tim and Arlene.

On this and other dairy farms, I know the farm only continues because of the sacrifice of the older generation who worked their lives to make a farm and who now give up some of the value of that farm so that another generation can carry on. Their labor and the knowledge they have gained through the years are also essential on many farms now run by their offspring.

3. Involvement in farm organizations. Tim has served as Snyder County DHIA president, county Holstein Association director, and as a junior director with Sire Power. Although busy with the farm, his family, and their church, he has made time to be involved with organizations which provide services, products, and management information that farmers depend on.

Like other young dairy farmers in this area who are similarly involved with farm organizations, Tim has shown a commitment to serve and to work with other dairymen for the sake of the industry. All dairy farmers benefit by this local leadership.

4. Hard work and good management No farm can survive without these ingredients and they certainly are not lacking at Yoders. Tim and Arlene milk 44 cows with a punctuality that cows prefer. Tim says that he would rather be in the barn than in the field, and it shows with the cows. Their herd SCC of 120,000 is proof of the commitment they have made to producing premium-quality milk.

Two years ago, I asked one young couple whose SCC had been averaging less than 125,000, why they came to a cooperative extension mastitis clinic. Their reply was that if they learned one more thing that would help them, it would be worth it.

Those who put a priority on producing quality milk promote their product like no commercial can do. And those who make a commitment to constantly sharpen their management skills by continued learning are preparing for the future.

Looking around, it is easy to see these characteristicsl of success on farms throughout these four counties. The heart of the Susquehanna Valley is home to farmers with dairy in their heart.

Like Tim and Arlene Yoder, there are many dairy families who work hard and well, have the support of family and the help of friends and neighbors, and who work together to boost the dairy industry. That is the secret to success, and I'm pleased to be able to work with these farmers.

Greater Flexibility In Corn Weed Control

WILMINGTON, Del. — Recent label updates for Accent herbicide mean greater flexibility this year for corn growers fighting tough grassy weeds, including shattercane, foxtail and woolly cupgrass.

The EPA-approved revisions extend the size range that Accent can be applied on some grasses and add several tank-mix partners to the label.

"Growers throughout the Corn Belt now have even greater flexibililty and a wider window of application to fight tough grassy weeds that are costing millions of dollars in lost yields," said Mike Dobrotka, Du Pont product development specialist for Accent.

The Accent label changes extend the weed control height of shattercane to 12 inches and woolly cupgrass to four inches. Accent also provides control of foxtail up to four inches, quackgrass up to 10 inches, and wild proso millet up to three inches.

For corn growers fighting Johnsongrass, Accent now can be applied to seedling Johnsongrass up to 12 inches and rhizome Johnsongrass up to 18 inches.

"Due to the competitiveness of these tough grasses, many growers are finding that the control offered by an effective post program including Accent just makes good economic sense," Dobrotka said.

Other recently approved label revisions allow corn growers to achieve greater broadleaf control by tank-mixing Accent with atrazine, Buctril, Buctril/atrazine, Banvel or Marksman.

Corn growers rotating to other crops now have greater flexibility in using Accent. Shorter crop rotation intervals mean growers can rotate to spring wheat, barley, and oats after eight months and to winter wheat after four months.

In addition, Accent can be applied to seed corn and popcorn.

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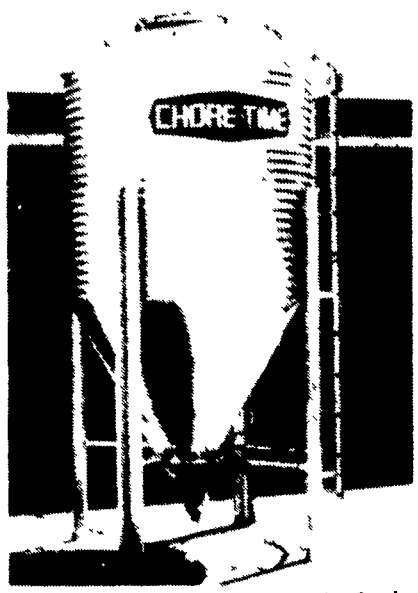

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Observing Cows Pays Off

GEORGE F. W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, Del. — According to the Good Book, "The eye of the farmer fattens his cattle."

This suggests that observing each cow, heifer and calf daily can mean the difference between success and failure on the farm, and can determine how much money an individual animal will earn or lose for you.

Though often told to "watch your cows for signs of heat," there is much more to observing cows.

Years ago, when I was involved in milking cows in a stanchion barn, it was our habit to walk through the barn one more time before going to bed, just to make sure that no cow had a problem which could be caught in the early stages, not the next morning, when any difficulty may be full blown.

Today many cow herds are outside the barn in a loose-housing system, and observing them is much more difficult, especially since herd sizes have increased.

I ask those of you who used to go through the barn once more before bed, are you still doing this now that you have a loose-housing system? Or has that old-fashioned way of observing every cow once more before retiring for the night disappeared along with the stanchion barn?

Have you consciously decided that you can afford to observe your cows less and still do as good a job as before? Do you cull problem cows, period? So what if the average age of cows is less as a result, and you raise just enough heifers as replacements?

The average age of all dairy cows in this area is now less than 5 years. It used to be that cows reaching 10 years of age and more still paid their way, and there were heifers for sale because all were not needed as replacements.

Replacement costs were less, and our cows made us more money because we observed them daily, regularly, catching minor difficulties before they became major problems.

Well, you think, it's easy for him to say. How can we observe our cows under loose-housing conditions? In answer, I can tell you I look at no fewer than six things for every one of my cows every day.

1. At the University of Delaware our cows wear computer-transponder identifiers around their neck so that I and/or the herdsman can check each cow every day on a computer record which registers whether she is eating as much grain as she is supposed to eat and how much milk she gives every day as compared to yesterday and for the whole week.

This pinpoints any problem cow quickly and easily from the beginning, even in the largest herd. And you don't even get your boots dirty.

2. Check the feed trough. You may not have computer transponders around the necks of your cows yet, so you need to walk out to the feed trough and observe your cows eating, find which one is not vigorously eating her silage, her hay, her grain, her TMR (total mixed ration) or other feed ration.

Problems begin to show up when cows don't feel like eating. The beginning of heat periods can be discovered in this way as well.

3. Look into her eyes. Is she alert, perking up her ears, or are the eyes and ears droopy? These are clues to beginning problems. Move that cow into a corner or a pen to take her temperature and to find out what ails her.

4. Her milk will tell you something, too. Did she milk as much today as yesterday? Is her milk normal-looking? What about checking her milk from each quarter with a CMT (California mastitis test) paddle for subclinical mastitis?

5. Look under her tail. Does she have mucus or a swollen vulva — all signs of heat — or is anything else abnormal but observable?

6. Finally, what does her manure look like? A wealth of information can be gleaned from observing the manure from your cows.

In fact, a recent Cornell review sheds some light on just how useful manure observation can be. The amount of large feed particles in manure reveals the duration of digestion in the cow's stomachs, how thoroughly she ruminated and how fast all of it went through her rumen.

Undigested plant fiber parts in manure indicate failure of rumen digestion, specifically of fiber and cellulose digestion in the rumen, not in the intestine.

Corn kernels from corn silage or other grain kernels in the manure mean that there was insufficient rumination to catch the kernels. They need to be softer so they break up easier, or they need to be cracked and ground. Or perhaps more fiber must be fed at the same time.

You can wash a manure sample through an old nylon stocking and find out quickly whether and how much of an indigestion problem you have with a particular cow. Normally, particle sizes should not exceed 0.25 inch.

Adult cows normally pass their feeds through within 2 to 4 days, in portions about every other hour, totalling at least 15 to 25 pounds in a 24 hour-period.

More frequent manure deposition occurs with diarrhea, which also often exhibits more than 90% water content. Failure of regular manure deposit means an obstruction somewhere, probably displaced abomasum, or disturbance of normal motility of the rumen from too much grain feeding or from hardware ingestion.

In either case, a veterinarian is needed; possibly surgery will be

(Turn to Page D16)

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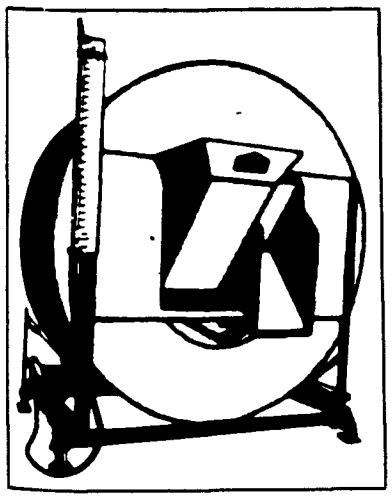

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Observing Cows Pays Off

(Continued from Page D15)

indicated.

In newborn calves you may occasionally see no manure at all because the calf was born with an intestinal obstruction or no anus at all, which, of course, also calls for immediate decision and/or a veterinarian.

The color of manure changes with the main feed eaten.

Green forage and hay produces brown-olive-colored manure; much grain changes the color to grayish-olive. Slow manure passage darkens the color, makes it ball-shaped and shiny mucus-covered. Diarrhea makes the color paler than normal. Hemorrhages darken the manure to blackish or red-brown, depending on how far up the tract something happened.

The odor of fresh manure is normally not unpleasant unless there is some putrefaction, fermentation, indigestion and infection up the gut.

Gas bubbles in manure are typical of diarrhea conditions, or worse, Johne's disease. They could also indicate enteritis, even acidosis in calves and cows, which sometimes is called over-eating disease and enterotoxemia.

Worms may be found in manure, and you know what that calls for in calves or cows.

Acidity of manure may also indicate beginning problems such as diarrhea, because normal cow or calf manure is slightly alkaline. Too much grain feeding also leads to acidity of manure. This, of course, means acidosis problems, displaced abomasum, rumen parakeratosis, and low-fat tests as a consequence in the milk of that cow. The cow tries to correct the condition by going off feed.

Whatever you observe and choose to draw conclusions from for better profits with your cows, always keep another old saying in mind: While beef cows have ball-like, more solid manure, good, high producing dairy cows supposedly have very soft, pleasant-smelling, good-looking manure.

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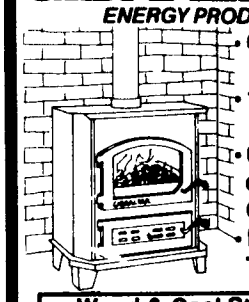

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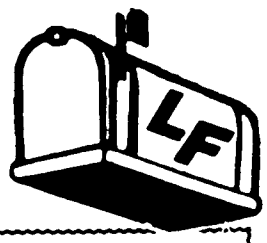

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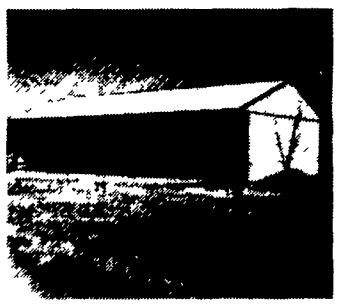

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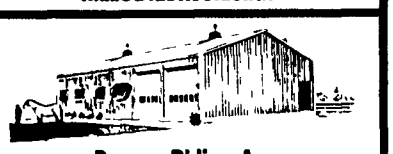
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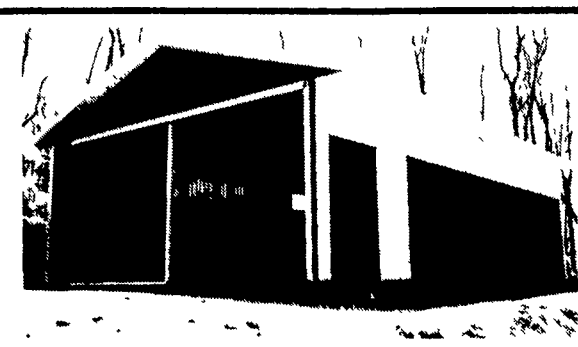

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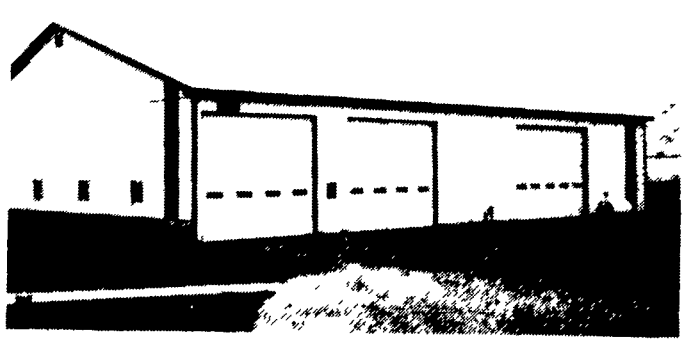

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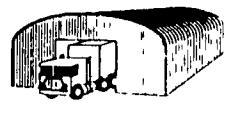
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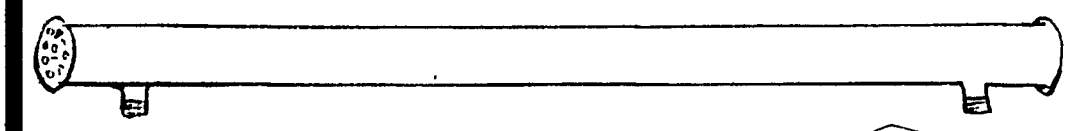
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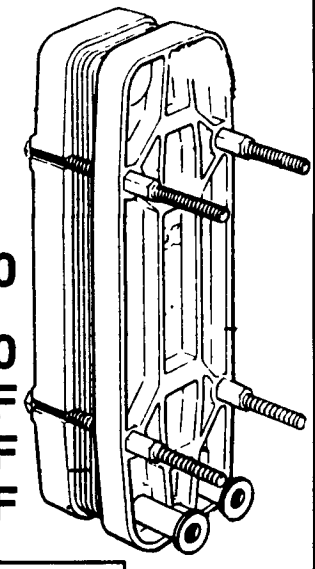
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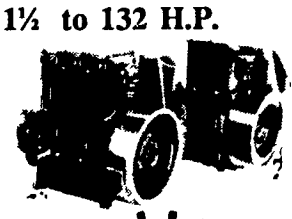
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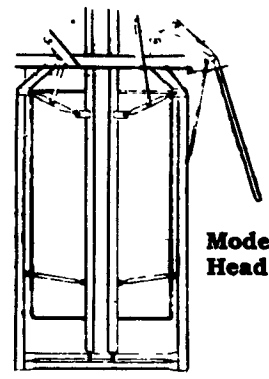
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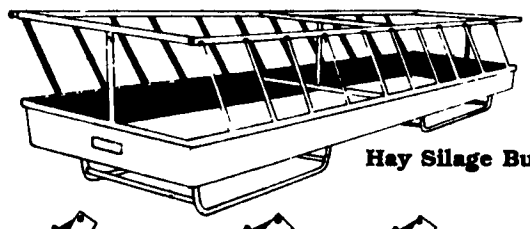
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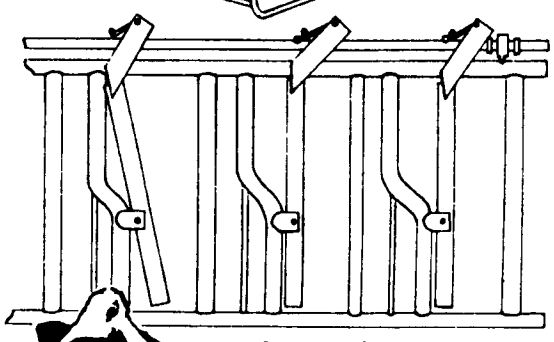
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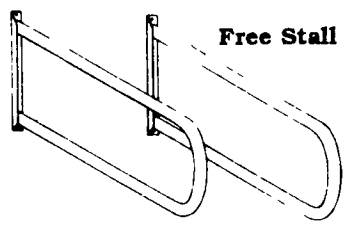
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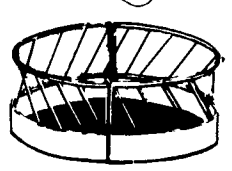
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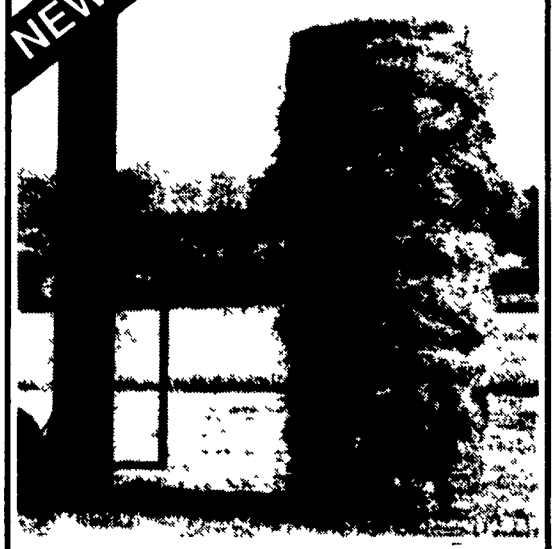

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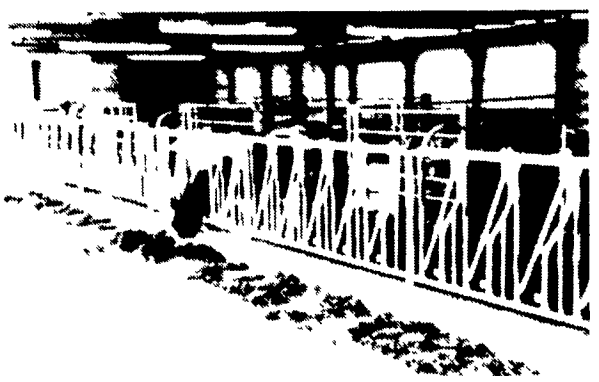

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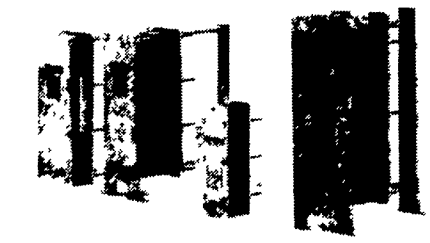

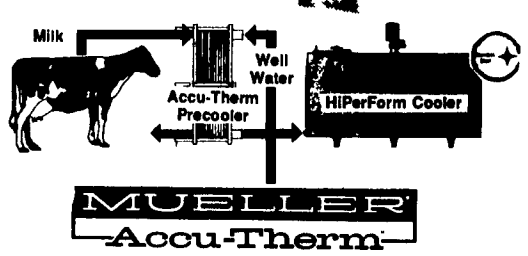

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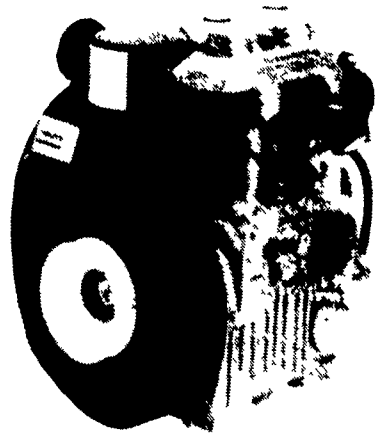

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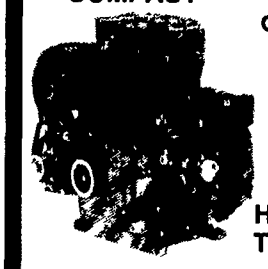

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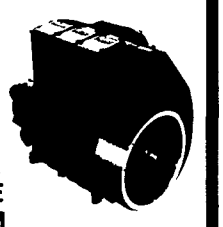

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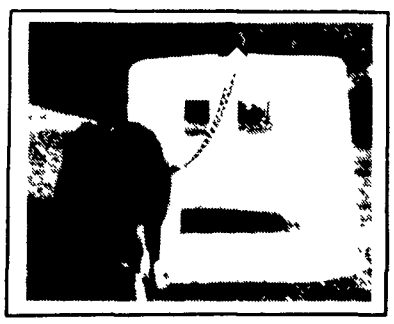

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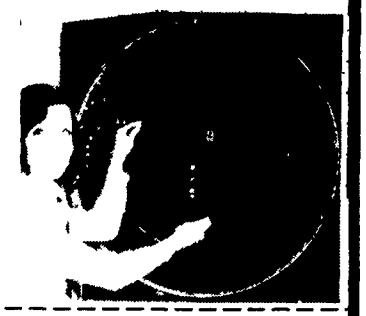

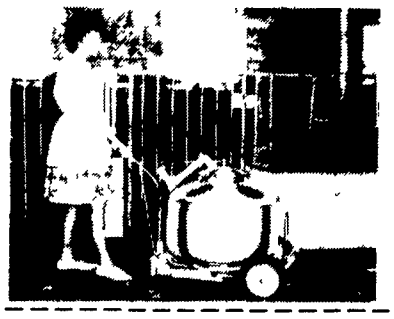

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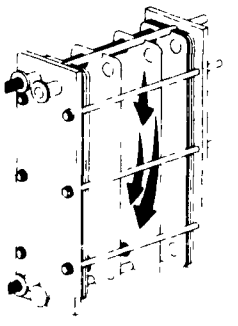

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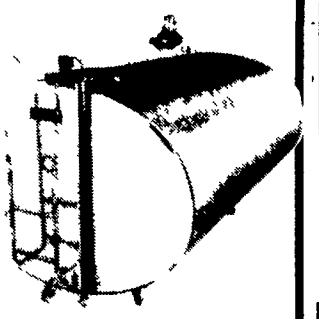

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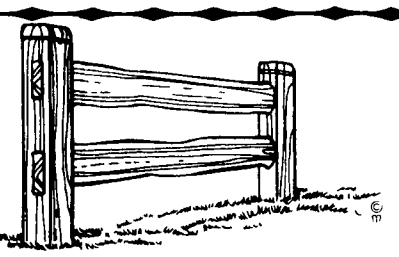

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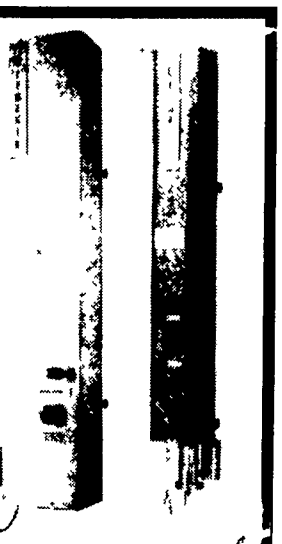

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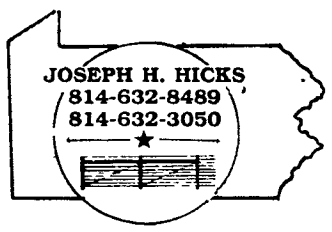

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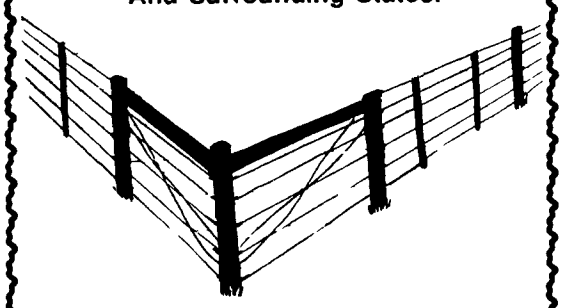

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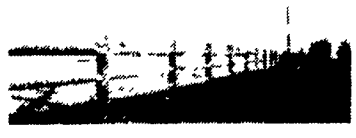

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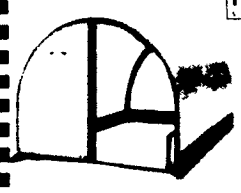

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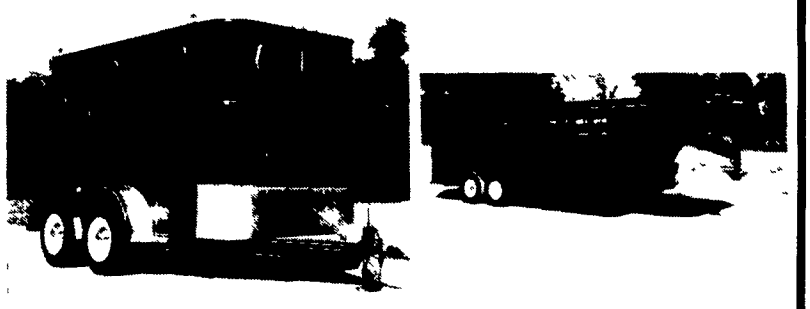

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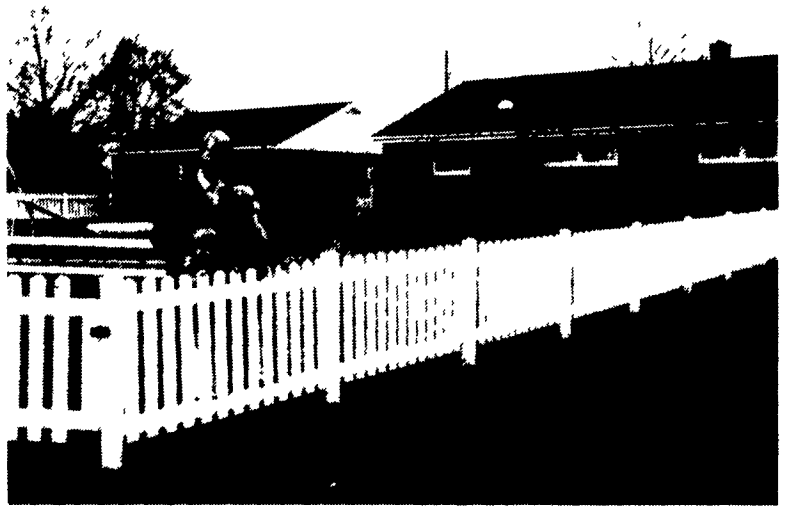

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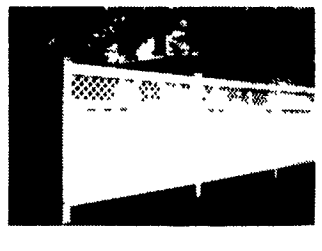

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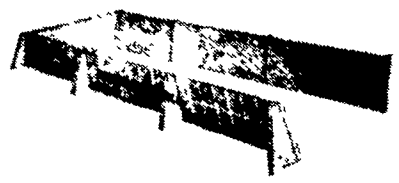

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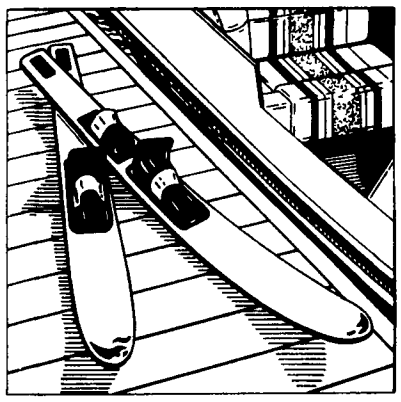

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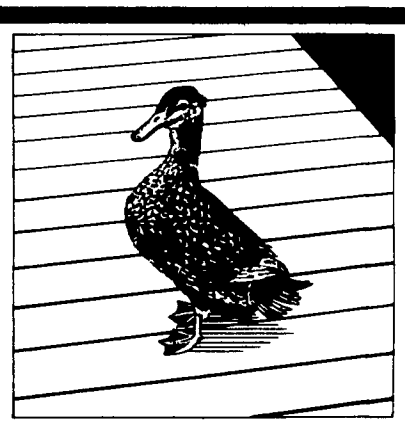
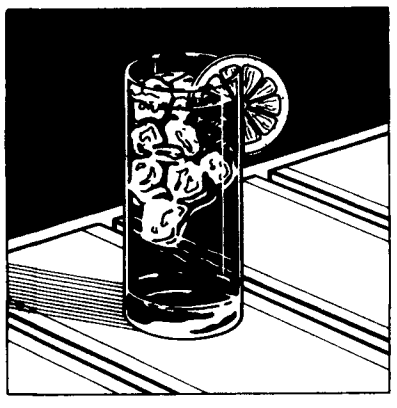
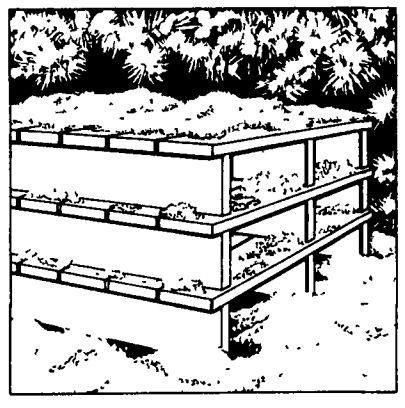


Easy to clean nonporous surface.



Stays cool and comfortable.



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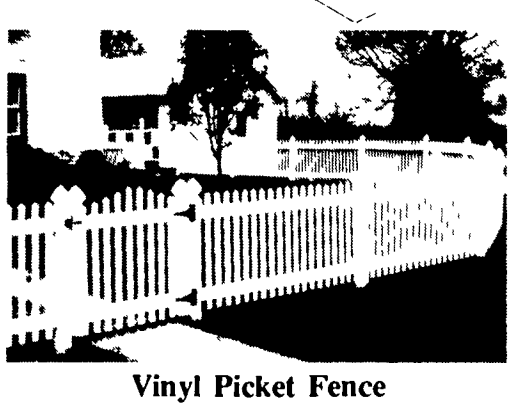

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8 CATTLE

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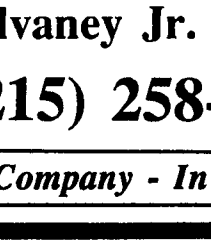

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8 CATTLE

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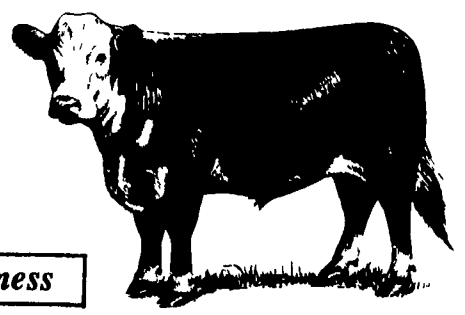

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Rolling DHI Ave. 16,837m 3.3% 552f
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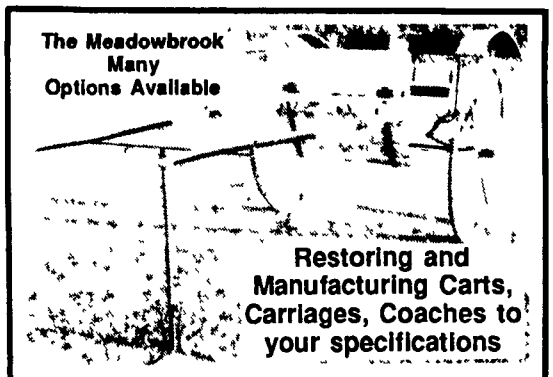

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SATURDAY, JUNE 22nd
Times: 12 Noon - Outside Sales - Trailers, Etc.
1 PM - Used Tack
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Day of Sale (717) 865-2881
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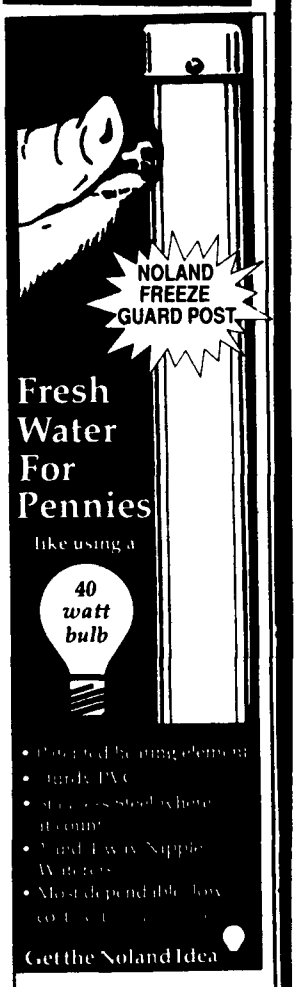

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- HOG EQUIPMENT SALE -
JUNE 15th, 1991
Saturday Afternoon 1:00 P.M.

Lebanon Fairgrounds, Lebanon, PA
Auctioneer - Harry Bachman (717) 867-1809

FEEDERS:
(11) 8-HOLE DOUBLE SIDED NURSERY FEEDER, MISCELLANEOUS PIECES STAINLESS STEEL TROUGH, 6-HOLE GALVANIZED NURSERY FEEDER, STAINLESS STEEL SOW FEEDER, (11) CHORETIME WATER FLOATS, (8) WARNER FLOOR FEEDING DROPS, (48) 6"x12" PLASTIC BUCKET CREEP FEEDERS.

VENTILATION:
68 FT. 10" STAINLESS STEEL BAFFLE, 32 FT. 14" STAINLESS STEEL BAFFLE, 80' 8" PVC BAFFLE, (2) 12" ACME COLD WEATHER INLETS, (2) 16" DAYTON SHUTTERS, (1) 36" DAYTON SHUTTER, (2) 14" MULTIFAN, (5) 18" MULTIFAN, (6) 18" ACME FANS, AAA 36" FAN, AAA 24" FAN, AAA 14" FAN, (7) FRISTA-VENT FANS, ZIMMERMAN INLET POWER UNIT, (2) HIRED HAND CURTAIN CONTROLS, (4) BCB CURTAIN CONTROL, POWER WALL INLETS, PVC SHUTTERS FROM 60" TO 10", LOTS OF THEM.

STEEL EQUIPMENT:
(2) 5'x7' FLOOR FRAMES, (2) 6'3"x9'9" FLOOR FRAMES, (2) 6'2"x7' FLOOR FRAMES, (10) PIECES SOLID STEEL FENCING, (7) GESTATION STALLS, CYCLONE FIBERGLASS NURSERY FENCING, TRI-BAR FLOORING, WOVEN WIRE FLOORING.

MISCELLANEOUS:
ROLLS OF GALVANIZED BIRD WIRE, ROLLS OF PLASTIC COATED BIRD WIRE, ROLLS OF CURTAIN MATERIAL, ROLLS OF 4" WIDE GLASSBOARD, FEED SAVER MATS, MORMAN HOVER COVER, VEL-AGRI HEAT MAT, HEAT LAMPS, ROLLS OF NYLON ROPE, THERMOSTATS, 170,000 BTU HEATERS, 60,000 BTU HEATERS, HAND WINCHES, STAINLESS STEEL FLEX PIPE, PULL BALL PLUGS, BLACK PLASTIC PIPE, AAA COOL CELL TROUGH, 10 PLYCO DOORS ALL SIZES, 6 PLYCO VENT DOORS, WHITE VINYL J-TRIM, SUBMERSIBLE PUMP, JET PUMP, SAVE SYSTEM PARTS, BOXES AND BOXES OF BOLTS, NUTS, WASHERS, LAG SCREW, CONCRETE ANCHORS, ROOF SCREWS, POP RIVETS, NAILS, SHEET METAL SCREWS AND OTHER FASTENING HARDWARE.

TERMS: ALL EQUIPMENT WILL SELL, ALL EQUIPMENT SOLD AS IS. PAYABLE BY CASH OR CHECK WITH PROPER IDENTIFICATION.

ARNOLD'S 72nd HOG SALE
Saturday Evening 6:00 P.M.
June 15, 1991

Lebanon Fairgrounds, Lebanon, Pa.
Auctioneer - Harry Bachman - (717) 867-1809 AU-000033-L
CROSSBRED - DUROC - HAMPSHIRE - LANDRACE - YORKSHIRE

90 BRED GILTS Handmated due June thru August. Registered Duroc & Yorkshire. Crossbred-Yorkshire x Landrace, Duroc x Yorkshire, Hampshire x Yorkshire.

40 TESTED SERVICE BOARS Growth, backfat & loin eye figures will be furnished on all boars. REAL TIME ULTRASONIC SCANNING by MIKE CHERCHUCK (717) 423-5387. Averages on 398 Boars scanned July '89 thru July '90; Duroc (83) 245# .79 BF, 5.43 loin. Hampshire (8) 238# .68 B.F., 5.36 loin. Landrace (21) 254# .77 B.F., 6.15 loin. Yorkshire (255) 246# .73 B.F., 5.48 loin. Crossbred (Hamp x Duroc) (31) 245# .76 B.F., 5.69 loin.

OPEN GILTS Approx. 40 head.

Sale Order: Bred gilts, boars & open gilts.

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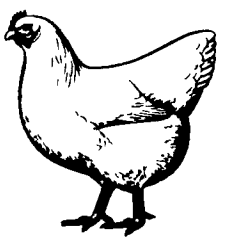

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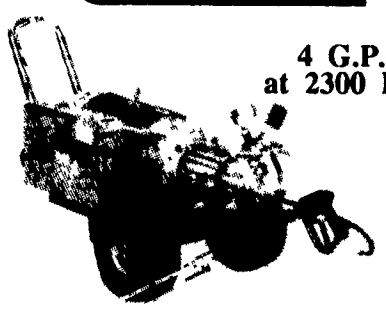

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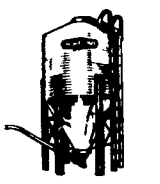

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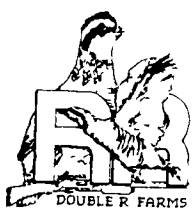

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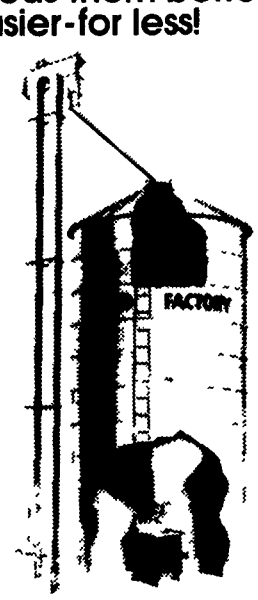

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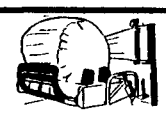

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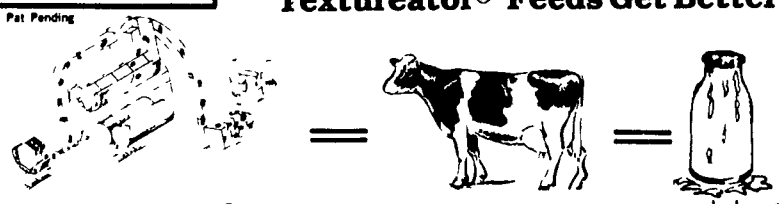

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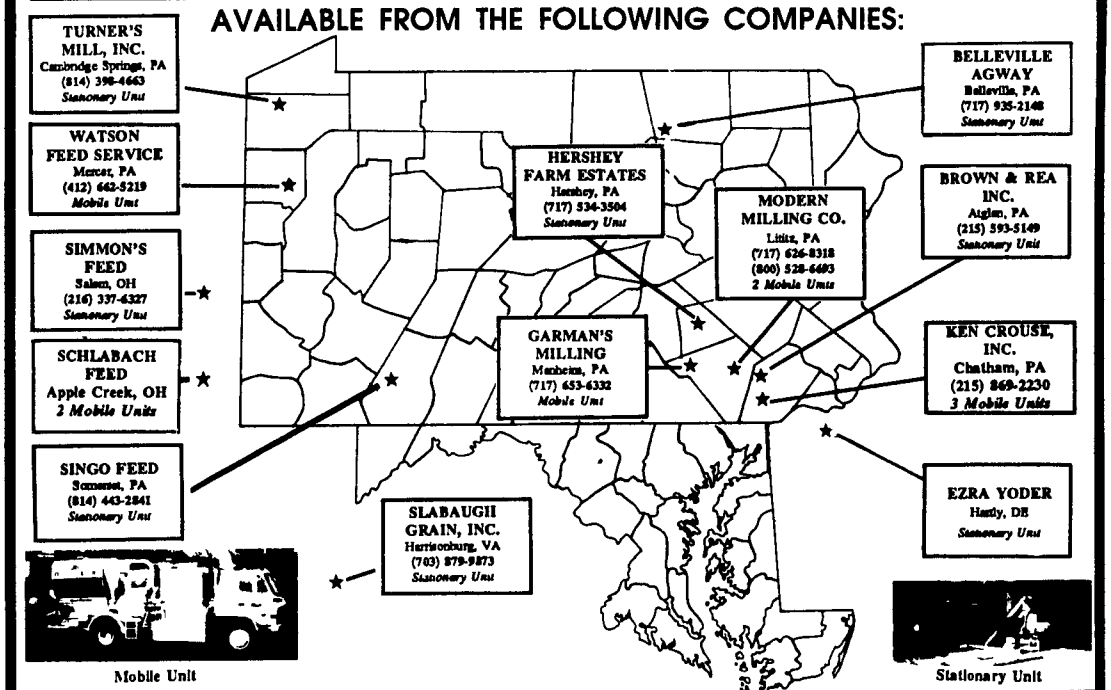

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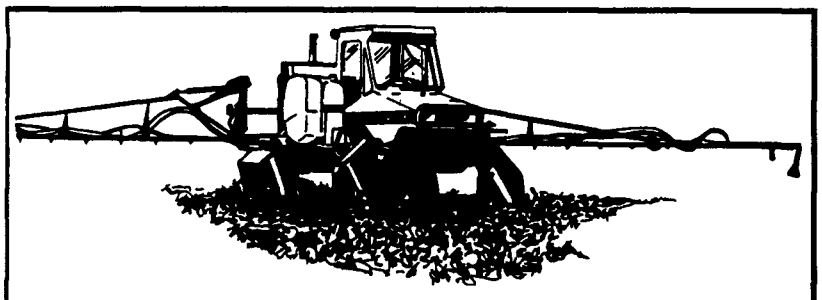

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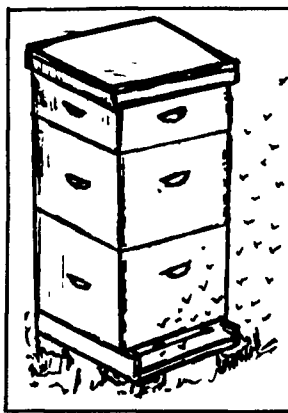

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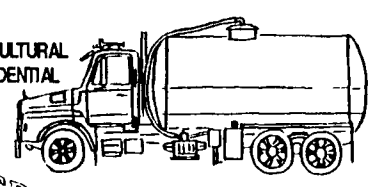
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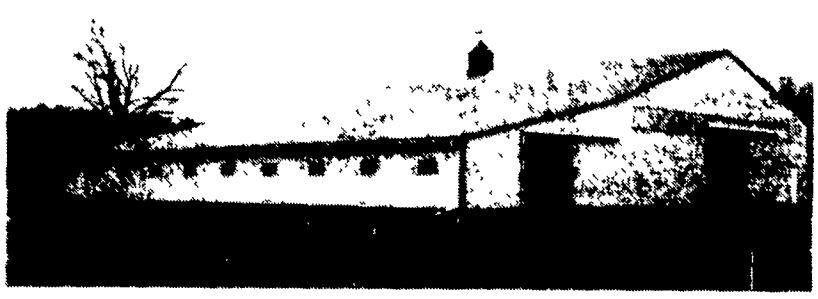

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We Are Interested In South Central PA And Northern MD.

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26 HOUSEHOLD

4'x7' Oriental Rug, like new, $275 Call after 4PM 717/749 5023

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
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27 PETS

For Sale: African Pigmy Hedge Hogs, unrelated pairs. 717/626-5460

FREE to very rural home. 2½ year old friendly Rottweiler, Lab. Sprayed, had shots, etc 302-731-5505.

Jack Russel terrier puppies, priced to budget, male/$45, female/$60 Also Blue Heeler cattle puppies, registered, $75/female, $50/male (717)866-2091.

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Newfoundland Stud Service. AKC champ line 609/785-1531.

27 PETS

AKC Boston terrier puppies, shots, wormed, $175 (717)865-3488.

AKC Breeder Dogs: Westies, Yorkies, Cocker Spaniels, Shushz. 717-548-3645.

AKC Lab Retriever Pups, champion lines, $200-$250. (717)658-6529.

AKC St. Bernard pups, shots, ready June 10 Lancaster County 717/733-4313.

Bloodhound Pups, AKC registered, black and tan, S&W, M/F Jan. 301/845-8650.

Brittany Spaniel Puppies-AKC registered, purebred, 3 males, father is Bench and Field champion, mother excellent hunting dog. $250/each. 717/668-5329.

Dalmatian puppies, AKC registered, shots and wormed, males $250, females $275 (717)743-6803

Emu Chicks and yearlings White and grey Rhea Chicks and yearlings 717/626-5460

FOR SALE AKC Australian Cattle dog (Heeler) puppies Males. DOB 4/2/91, 1 blue, 2 red Sire started working at 5 months on cattle and sheep Dam is out of Australian and New Zealand champions "Landmaster" bloodlines These are good pups Don't miss out! Reserve yours now. Mifflin County. 717-899-6481

FOR SALE: Jack Russell Terrier Puppies. 4 females, 1 male Excellent bloodlines Born 5/21/91 $50 deposit, $250/ea Will ship 814-766-3721 after 4PM

Jo Jo The Dog Man PUPS WANTED!!!

Die Hundeman mit die Geld fer die Hunde.

I will buy pups on Tuesday, June 4. Closing June 5th and will reopen July 29, 30, 1991. I am going to the largest dog show in the world, 25,000 dogs in Dortmund, Germany. I will take orders to buy any German breed or other breeds that you might be interested in importing.

If you would like to talk to Jo Jo call early mornings 7 AM to 9 AM or Mondays 7 AM to 5 PM.

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P.S. I am still giving a $25 ca$h prize for the cutest puppy purchased.

Reg. Potbellied Piglets, Con-line bloodlines. Healthy excellent stock 717-768-3271.

Two Golden Labs: male 1 year old, female 3 years old. (215)286-6638.

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AKC, Purebred, Mixed Litters.
Stud service for most breeds.
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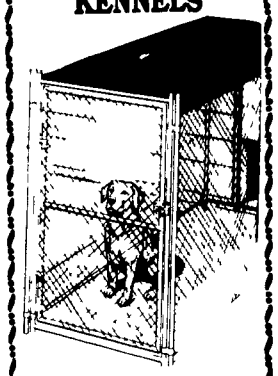

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Wanted to buy AKC Male Pug, 717-865-3488.

WHITE German Shepherd Pups, AKC, shots, wormed. Parents on premises 717-786-3503.

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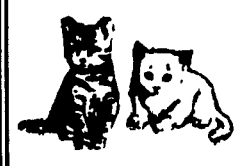

Male Breeder Singing Canaries

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31 NOTICE

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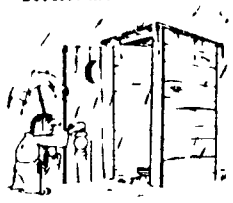

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The TROPIC!
A beautiful design made of durable fiberglass Requires no water, no chemicals, no septic tank Highest quality with a 2 year warranty

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2 tires tubes Bridgestone radial 10 00R20 load range G 14 pr. Good condition. $365. (717)733-8971.

8' Tinnacle Deli Case, 3 door up-right freezer; store shelving and counter tables; ½ gal and 1 gal. plastic reusable milk bottles; milk cases and carriers. 717-267-3654.

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GE business radio system, high band FM, 7 units and base unit, $1,250 (215)347-2338 after 7pm

Maxadine ENDT 675, complete engine except starter, company rebuilt 3/6/79, removed from truck in the early 80's not used since, Asking $2,995 Kermit K. Kistler Inc., Lynnport, Pa 215-298-2011

Old wooden haywagon, $150 OBO Bed needs repair. Chester County.(215)495-6682

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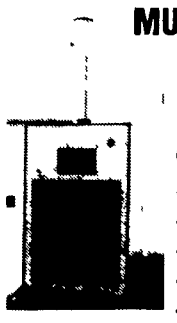

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Two 900-R20 F12-PR Bridgestone radial all steel truck tires with tubes and liners, like new cond. $200 for the pair. York Co. Call 717/632-0542.

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Clark low profile forklift, 2,500 lb capacity, solid rubber tires, LP gas, $1,650. Call early mornings or evenings till 7 p m 717-949-3074 or 703-879-9926

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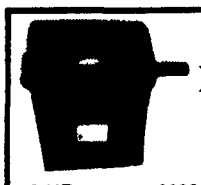
For Sale Honda Big Red ATV, 5 high, 5 low, new condition 717-426-3135.



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Pricing on our Different Sizes of Phase Converters.

5 HP	$400.00	15 HP	$650.00	30 HP	$1,025.00
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CONVERTERS - All Sizes (From 5HP-40 HP) High Efficiency Rotary Phase Converters (Converts Single Phase To 3 Phase Power) **$400 and Up**

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BANDSAW - 36" Rollstone Band Saw 10 HP $1,200.00
CLAMP CARRIER - 40 Section Taylor Clamp Carrier, Air Tightner & Flattener (Capacity 8'6"L) T-Bar Machine SN#743 $10,000.00
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SANDER - Boice Crane Oscillating Spindle Sander MD#2020 SN#8476-21"•16168 $850.00
SANDER - 16" Vertical Belt Sander $950.00
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PLANER 30" Buss 44 Single Surface w/Sharpener, SN#4714 $3,500.00
MILLING MACHINE Enco Milling and Drilling Machine MD#91034 SN#B0160294 $795.00
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35 TRUCKS & TRAILERS

1956 Ford dump truck, 17,000 GVWR, dump body and truck good shape, needs engine work, $1,495 BRIGHT SIGN, R D #9, Leisz's Bridge Rd , Reading, PA 215-372-0916

1969 International 1600 series Loadstar, 20' flatbed, V8, 5+2, recent inspection w/removable stake grain sides, new exhaust, runs excellent, $1,750 717-865-0304

1970 C50 Chevrolet Truck, w/2 speed rear, 14' grain dump, newly rebuilt 350 engine, 900x20 rubber, 21,000 GVW, $6995 717-345-8815, 717-345-4882

1970 Mack T/A tractor, strong 237 engine, new tubeless Bridgestone 24" rubber all around, wet line, 24" steel T/A dump trailer, ready to work Better Look! $9,500 complete 717-582-4420 after 8pm

1976 International Flatbed, gas, 25,000 GVW, 2-spd , $2,900 301/343-1874

1977 Dodge D-150, short bed, 318, V8 engine, PS, PB 3-spd auto , w/ET chrome wheels and tires Best offer 215/589-2281

1977 Ford F350 with electric dump grain body, $3,100 (215)582-3604

1979 Dodge ¾ T pickup, 4x4, V8, AT, Meyers plow, 36,000 original miles, new tires, excellent condition, $4995 717-943-2077

1979 Ford 800, 429 gas, 32,000 GVW, 5+2, power steering, air brakes 1981 Ford 800, 429 gas, 32,000 GVW, 5+2, air brakes and power steering 1980 Int 1854, 466 diesel w/22' Morgan van body, 5+2, 27,000 GVW (301)877-9889

1980 Chev K30, 4x4, 9½ ' stake body, 350, 4 sp, power angle plow, new radials, red, 60K mi, great condition, $4600. 215-942-4829

1980 Chevy 30 stake body, V8, 4 spd.; 1981 Ford F250, V8, 4 spd., super cab, 1972 Ford L-900 Call for new low prices. 717-933-4114

1982 Chevy 4x4, ¾ ton, PS, auto, 6 2 dsl, 8'PA blade, salt spreader, good work/or farm truck $5800/OBO, 1977 Ford ¾ ton 4x4, PS, auto, 351 flatbed, needs body work B O 215-965-9707

1986 Ford Ranger 4x4, extended cab, STX, charcoal & silver, loaded, excellent condition Call 215-926-2441

1986 Ford 4x4 F250, heavy duty, AT, PS, PB, AM-FM Cass , air, 460 engine, good condition, $7,900 717/354-9967

1986 GMC High Sierra 1500 4x4, tilt wheel, cruise control, cap $5,500 717/786-2534

1987 ARNT Gooseneck Horse Trailer, 22' w/6' dressing room, carpet and boot box. Thoroughbred height w/mat in horse area. Trailer is super clean, like new. Dark blue. $5,500. 717/597-5611.

1988 MORITZ 20'x7'7" Gooseneck Stock Trailer w/7500# oil, both axles and spare tire. Maroon. $4,500. 717/597-5611.

1989 Chevy Silverado, dually, Ext. Cab, AT, PS, PB, AM-FM Cass., Cruise and tilt, 454 engine, bedliner, exc. cond., 17,000 orig. mi., one owner, $14,500. 717/354-9967.

1989 Chevy truck, 454 motor, 58,000 miles, AT, AC, radio, deluxe extended cab, trailer hitch assembly. (717)527-2441, (717)527-4772.

1989 Ford 4x4, heavy duty, 5-spd., PS, PB, AM-FM, bedliner, 351 FI, 28,000 mi., one owner, $10,900. 717/354-9967.

1990 Chevy Scottsdale 4x4, heavy duty, AT, PS, PB, AM-FM Cass , air, bedliner 350 FI, 15,000 mi., exc. cond., $13,000. 717/354-9967.

22' Eby aluminum gooseneck cattle trailer, excellent condition. Call for details 609/299-4952.

26' Parker steel dump trailer. Good Condition. Sealed tight for grain, $4200 717-582-4872

30' Morgan dump trailer 1971 Ford LN 20' grain dump. $9,500 each (717)284-4628

40' storage van, side door, $650 717-626-5420

'68 Mack R-600 237hp, 5+2 trans, 10' flatbed, air dryer, pentel hook, trailer air, $2,000 (215)347-2338 after 7pm.

'77 Ford LN9000 Tractor, 290 Cummins, 10 spd. w/ Henderson Rears, good condition, $6,800 301/838-6196 after 6PM

'85 Chevy C20, ¾ ton, 305 auto , PB, PS, AM-FM, good condition, $3,500 717-733-2873

'86 Chevy C20 w/Reading utility body, 350 auto , PB, PS, AM-FM, dual tanks, 8,600 GVW, 1 owner, excellent condition, $4,900 717-733-2873

Newleader hydraulic spreader truck 13' body, #5 belt, 2-24" fan. White single axle, diesel, 1966, R96, fuller 10 speed, 220 Cummins. Both excellent condition, ready to spread. (215)536-4252. $7,500.

Six horse Imperatore Van, reconditioned, med. box w/473 International truck, $13,000. 717/469-7003.

'89 Chevy S-10 Pickup
1½ yrs. old, bed liner, mag wheels, FM Stereo and tape, large fuel tank, 5-speed, like new
$4,995
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1989 B-350 Maxie Wagon, 15 Passenger, Dbl. Air.
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1987 Chevrolet Crew Cab, 3/4 ton, 350, AT, AC, 26,000 mi., $9,950. 215/380-8800.

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1986 F-700 Ford 8.2 Detroit Dsl. 5-spd., air brakes, AC, PS, 36" Sleeper
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1990 Chevy Cavalier 2 Dr., 4 Cyl., 5 Spd., AM-FM, 17,000 Mi...**$6,600**
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1988 Ford Taurus 4 Dr., 4 Cyl., AT, AC, CR, AM-FM Cass., 56,000 Mi.....**$5,900**
1988 Pontiac Sunbird GT Turbo, 4 Cyl., 5 Spd., AC, Tilt, AM-FM Cass, 50,000 Mi.....**$6,600**
1988 Chevy S10 PU, 2.8 V-6 AT, AM-FM, 32,000 Mi. **$6,800**
1987 Dodge Ram 150 8 Pass, V8, AT, Loaded, 39,000 Mi. **$7,900**
1987 Ford F-350 Utility Body, 351 V8 AT, AM-FM, 34,000 Mi.....**$7,900**
1987 Chevy 20 Conv. Van, V8, AT, Loaded, TV, 58,000 Mi.....**$9,600**
1986 Dodge Caravan LE 7 Pass., 2.6 4 Cyl., AT, AC, CR, AM-FM Cass, 62,000 Mi.....**$6,900**
1980 Chevy Corvette V8, AT, Loaded, 83,000 Mi. **$7,900**

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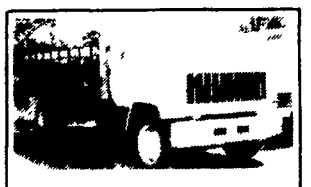
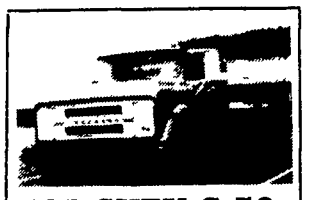


'86 GMC
210 Cat, 10 Spd. Trans., Air Brakes, AC, 30,000 GVW, New 18 Ft. Midwest Grain Dump, Steel Floor, 40" Sides, Grain Chute, 19 Ton Hoist, w/ Back-Up Alarm & Safety Prop.



'67 CHEV C-50
327 Gas Eng , 4&2 Trans , 19,500 GVW, 14 Ft Flatbed, Good Condition

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Diesel, 5&2 Trans , PS, 27,500 GVW, 16 Ft , Flat Dump Body w/40" Bulkhead

'79 WHITE ROAD BOSS II
Single Axle Tractor, Cummins PT-270 HP Eng., 9 Spd. Trans., 84" C/A, PS

'81 GMC BRIGADIER
671 Diesel Eng., 9 Spd., Air Brakes, 210" Whlbs , PS, 12,000 Front, 34,000 Rear, Hendrickson Walking Beam, C/C Only

'85 FORD LT-9000
350 Cummins, 9 Spd., Jake Brake, 12,000 Front, 38,000 Rear, Hendrickson Suspension, 193,000 Miles

REFUSE TRUCKS

2 In Stock
1985 Ford L8000, 12,000# Front, 23,000# Rear, Air Brakes, 3208 - 210 HP, Allison MT-653 Trans., Leach 20 Cu. Yard Refuse Body

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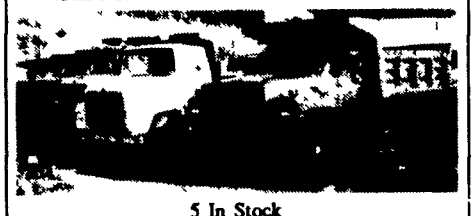

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'87 Ford F150, 4x4, 302 EFI, HD, 4 spd., PS, PB, AM-FM, lock-out hubs, $6,300. 717-733-2873

'88 Chevy Cheyenne 1500 ½ ton, 4x4, 4.3 V6, HD, 4 spd, PS, PB, blue, 18,000 miles, like new, $8,975. 717-733-2873

FOR SALE: 1972 International, 13 speed, 318 motor, 3 axle dump truck, 20' aluminum bed w/double rear grain doors, 64" sides. 717-527-4772.

Ford '79 F-350 4x4, 460, auto., good clean truck, $4,500. 301/592-3868

For Sale: Reese weight dist. hitch w/1000 bars, 2 sway control, $250. Call Dean at (717)626-4705.

Hall Scott engine overhauled, 6cyl, overhead cam, 2 plugs/cyl., model 109015, $1,200 or trade Burlington Co. (609)893-6425 after 6pm.

DUALLY-1988 GMC Extended Cab SLX Sierra-Low, Low mileage. 454 CI, 4 Speed w/4:10 rear, running boards, bed liner, stainless steel simulators, gooseneck and frame hitch, brake controller and more. "Sharp and Clean"! $14,400. 717/597-5611.

Dump trailer for sale, '72 Ti-brook, 27', 70" sides w/ roll tarp, air gate, barn door. Only hauled grain and lime the last 7 years. (412)376-2716; evenings (412)376-3297.

FOR SALE: 1986 Moritz 12'x6' combination trailer, Model HB12 with mats Excellent Condition 908-782-6006

'86 GMC 3500, dual wheel w/440 Holmes tow truck, 350, 4 spd., PS, PB, AM-FM, 37,000 original miles 1 owner, excellent condition, $8,975. 717-733-2873

'87 Ford 250, 3/4 pickup, 4WD, AT, 351 engine, 410 rear, one owner, very nice, with trailer towing package, $8,000 301/898-7426

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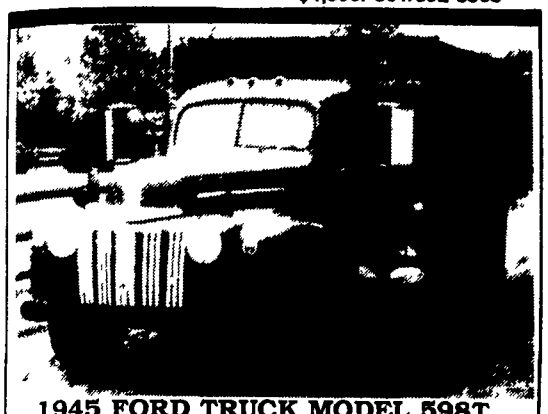

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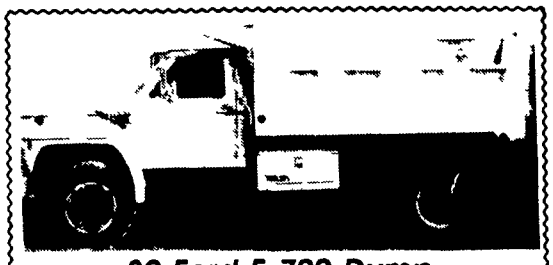

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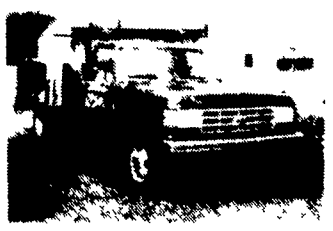

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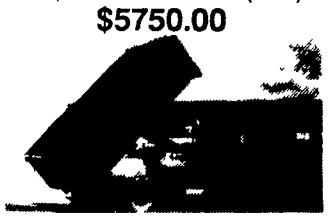

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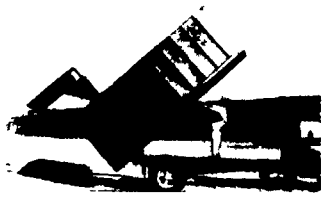

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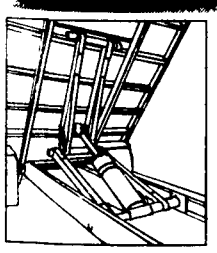

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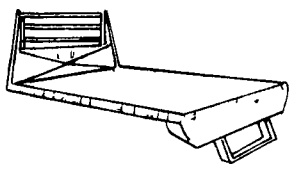

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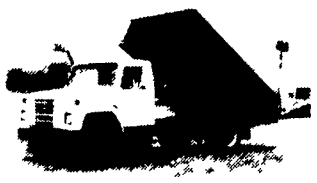
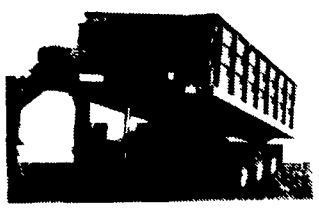
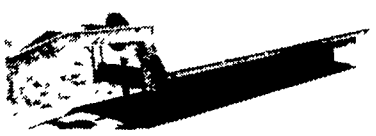


Grain Dump Trailers



Gooseneck Flatbed Trailers



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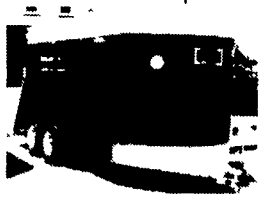
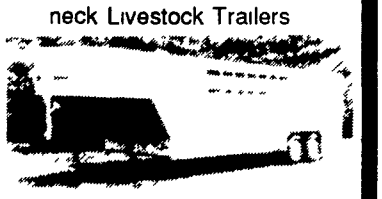


Steel & Aluminum Gooseneck Livestock Trailers



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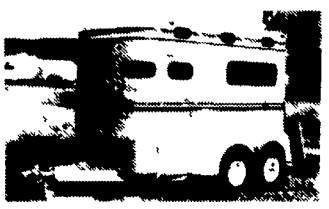

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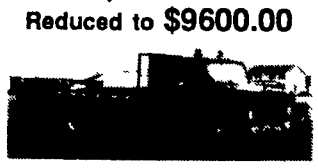

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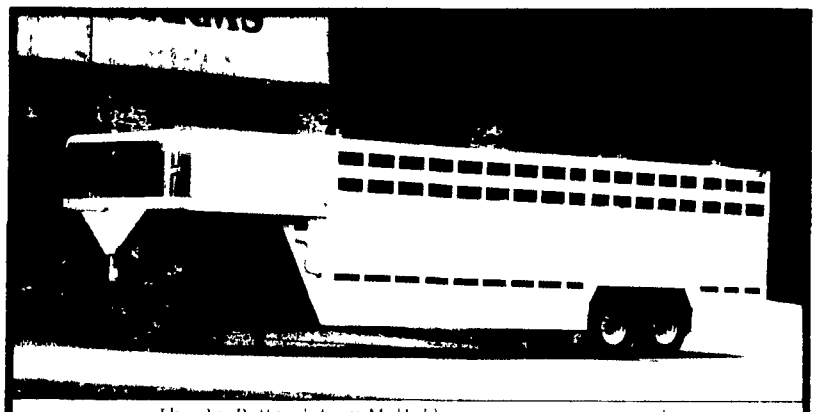

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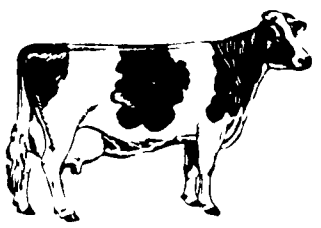

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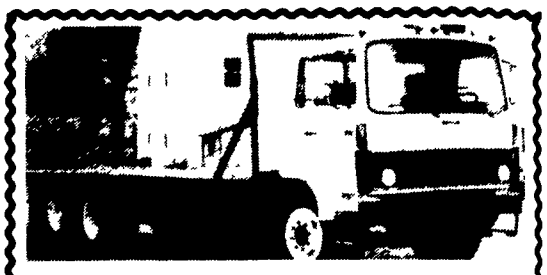

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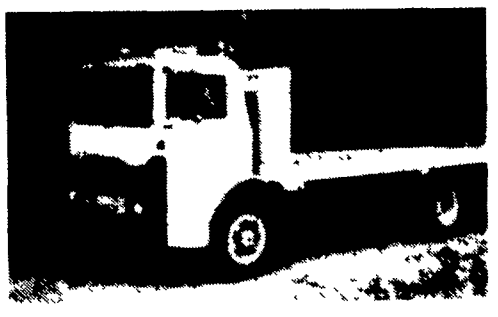

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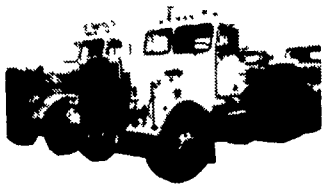

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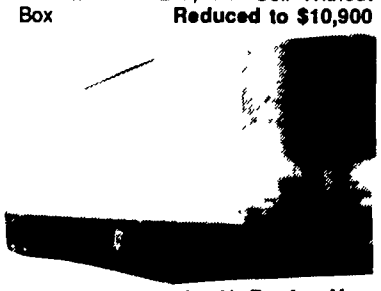

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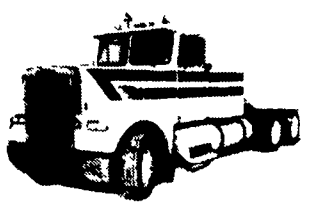

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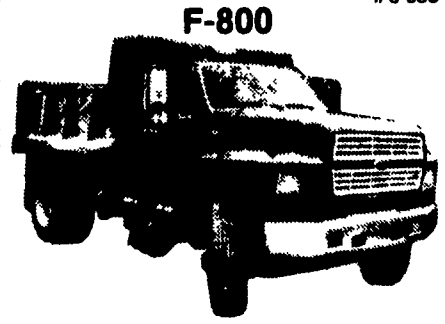

33 000 G V W 210 H P Diesel engine, five speed/two speed rear axle, air brakes, 10 Theile Dump body
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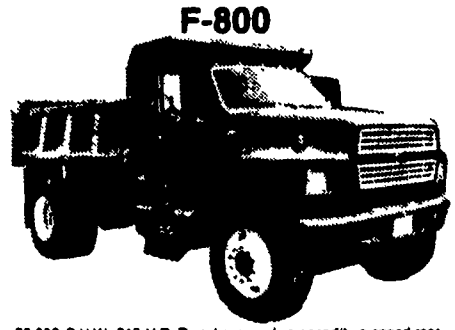

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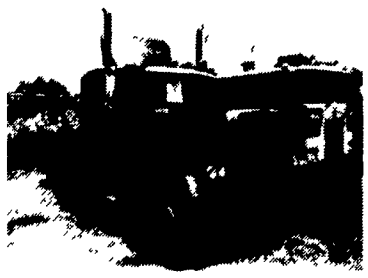
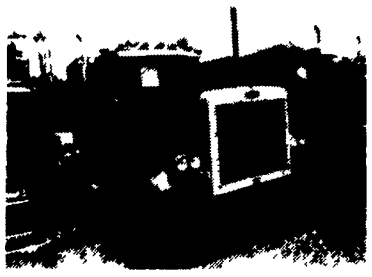


1978 PETERBILT 359 (Short Hood), 36" Sleeper, NTC 350 Cummins, 13 Speed, Air Ride Susp., PS, AC.



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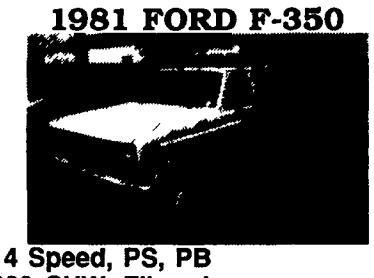

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Utility Body, 76,000
Miles, New Paint **$4,900**

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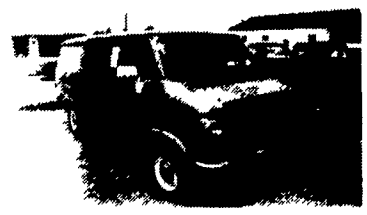

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DT 466 Diesel (new, out-of-chassis rebuild), 13 speed, 18,000 front, 38,000 rear, AB, PS, 11x20 tires, equipped with new SCOTT 19 ft. silage and grain body with 2000 hoist.

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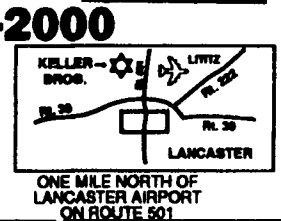
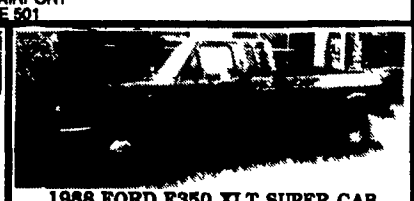


ONE MILE NORTH OF LANCASTER AIRPORT ON ROUTE 501

20 Minutes From Exit 20 or 21 Pa. Turnpike

1988 F150 4x4
6 cyl., auto/1 owner, cruise, dual tanks, 33,500 miles **$10,725**

1989 FORD F250 SUPER CAB 4x4 XL
7.3L diesel, 5 spd., CR, red & silver, 46K miles, dual tanks **$16,868**

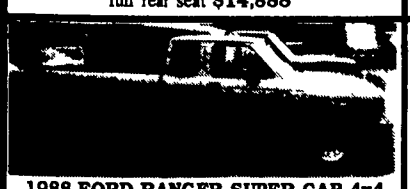


1988 FORD F350 XLT SUPER CAB
dually 460, at, ac, 53,000 miles, dual tanks, pw, pdl., CR, stereo cass, full rear seat **$15,440**

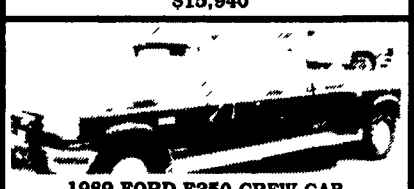
1988 CHEVY C3500 EXTENDED CAB
454, auto, ac, white, 42,500 miles, CR, tilt, full rear seat **$14,888**

1989 FORD F350 DUMP
351, 5 spd., 10,246 miles, red **$15,940**

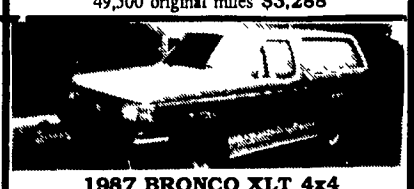
1973 GMC SHORTBED STEPSIDE
6 cyl., 3 spd, 1 owner
49,500 original miles **$3,288**



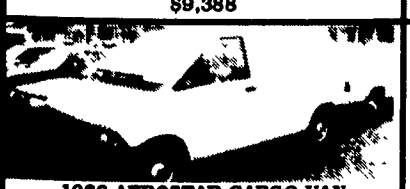
1988 FORD RANGER SUPER CAB 4x4
6 cyl., 4 spd., 34,000 miles, red & tan **$9,388**



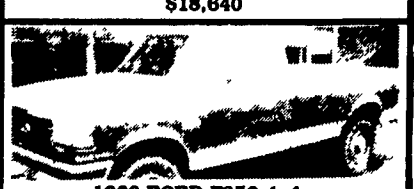
1989 FORD F350 CREW CAB DUALLY XLT, 351, 5 spd, 33k miles **$18,640**



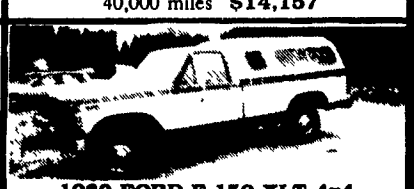
1987 BRONCO XLT 4x4
302, auto, air, bench seat, one owner, 40,000 miles **$14,157**



1986 AEROSTAR CARGO VAN
4 spd., ac, 45,600 miles **$5,488**



1989 FORD F250 4x4
302, auto/OD, ac, local trade, 36,000 miles, dual tanks **$13,498**



1980 FORD F-150 XLT 4x4
V8, auto, ps, pb, dual tanks, 2/92 insp, 1 owner, 54,000 orig. miles, **$4,632**

Extended Warranties Available Up To 36,000 Miles Or 3 Yrs. On Most Vehicles

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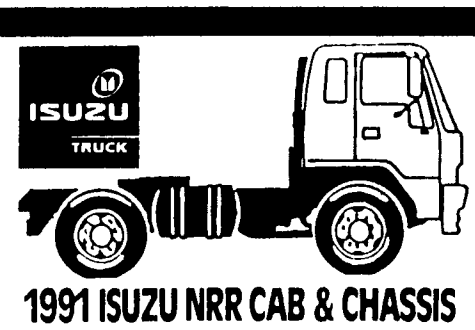
INCLUDES: 126 HP Turbo Diesel Engine, Automatic Transmission, Power Steering & Brakes, Stereo w/Cassette, Tilt Wheel, 33 Gallon Fuel Tank, Tinted Glass, 13,250 GVW, More! Stk# 3095

$16,992



1991 ISUZU NRR CAB & CHASSIS

INCLUDES: 154 HP Diesel Engine, 5-Speed Transmission, Power Steering & Brakes, AM/FM Radio, 33 Gallon Fuel Tank, Tilt Wheel, 3-Man Seating, 16,000 GVW, More! Stk# 3094

$18,354

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Dodge Ram Wagon, 1990, 15 passenger, Chrysler warranty, dual air & heat, fully equipped, LE trim, 12,000 miles. Zartman Dodge, Lititz, Pa 717-626-8551

Chevy pickups 3/4 ton, 63,000 miles, good condition, feed auger, 3"x50' long with motor and down drops. Galvanized hog pen divider sections 7-8' sections, 6-10' sections. Make offer. York County. (717)235-4427.

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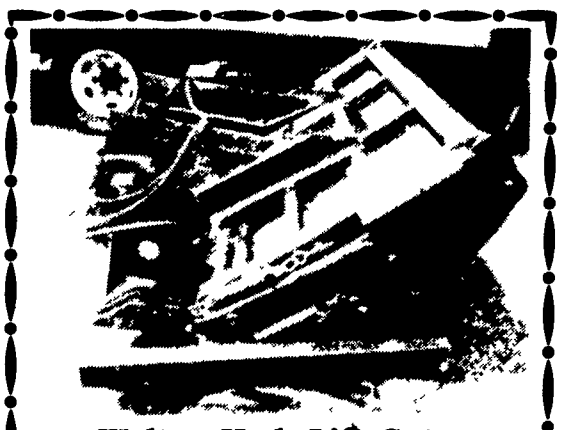

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1980 30' Dove Tail Trailer, Tandem Wheels, Tandem Axles, Will Sell Out Right Or Trade For Horse Trailer.

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1971 Dia-Reo- 903 Cummins, Henderson Susp. With 14 Ft. Stoltzfus Lime Spreader. Fully Hydraulic. Will Separate. Make Offer.

Roadready- 1973 Dia-Reo Tractor, 318 Detroit RT095 Henderson Susp. Set Back Axle. Wet Line. Make Offer.

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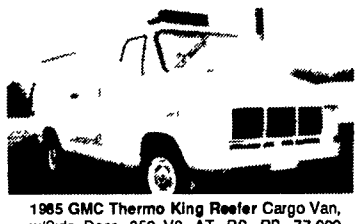
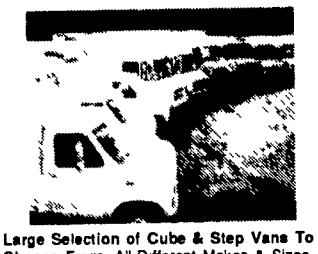
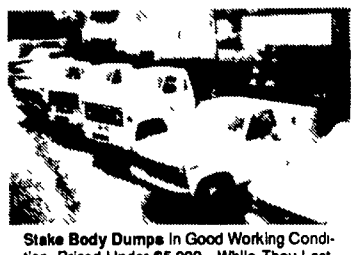


1985 GMC Thermo King Reefer Cargo Van, w/Side Door, 350 V8, AT, PS, PB, 77 000 Miles, Med Temp, Brand New Engine, 3 Yr 50,000 Mile New Engine Warrantee Available For Sale Or Lease



Large Selection of Cube & Step Vans To Choose From, All Different Makes & Sizes, Priced To Your Budget



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1979 Red. Int. S1924 Dump 415 V8, 5/2 Sp, AB, 26,500 GVW, Only 63,000 Miles, Several Different Size Dumps To Choose From, All Extra Clean & Ready To Work

We Got Reefers All Different Types & Sizes To Choose From Starting At $3,900

US Government Retired 75 GMC Tractor Big Block V8, 5 Spd/2 Spd Rear, Air Brakes, PS, 50,000 Maintained Miles, Ideal For Dumps, Hot Shot Tractor Or What Ever First $3,900 00 Takes It

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EBY

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1987 Eby 48'x13'6"x96" Cattle-Hog Combo
1985 Eby 48'x13'6"x96" Cattle-Hog Combo
1986 Eby 30'x12'x96" Double-Deck Straight Hog Trailer
1982 Barrett 46'x13'6"x96" Cattle Trailer
1976 American 45'x13'6"x96" Cattle-Hog Combo

GRAIN TRAILERS

1988 J&J, 35', 3 Axle
1991 Timpte 42'2"x66" Sides - Brand New!
1988 Timpte 42'2"x76" Sides - Like New!
1968 Hill 28'x66" Sides-Nice Dump Trailer

GOOSENECK TRAILERS

1986 Keifer 22'x6'6"x8' Alum. Elec. Brakes
1986 Triggs 24'x6'6"x8' Fiberglass Hyd. Brakes
1988 Moritz 24'x7'x6' Steel Elec. Brakes

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20'L x 8'W Eby Aluminum Livestock Body
9'L x 7'6"W Eby Aluminum Livestock Body
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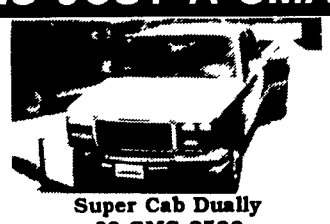
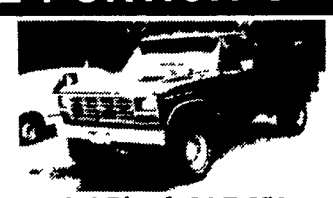
86 Ford F-350
Crew Cab Dually
Ready To Go. Gooseneck Ball & Electric Brakes Already There 460, 4 Spd. A/C Dual Tanks, 47,000 Miles
$11,995

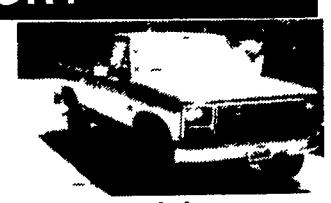


Super Cab Dually
89 GMC 3500
A Real Workaholic 454-f.i Auto, A/C If You Tow This One Will Go
Only **$15,900**



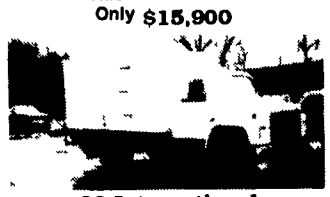
4x4 Diesel, 84 F-350
XLT Lariat, 6.9 Diesel, AT, AC, External Cracked Block, Sold As-Is
$6,500

88 Chevy C-30 Crew Cab
Dually, Cab & Chassis
Very Clean, 1 Owner, 41,000 Miles 454, 4 Spd, AC

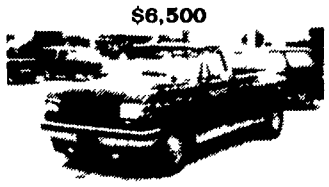


4x4
86 Ford F-150
Fuel Inj., 302, 4 Spd.
Dual Tanks, Good Farm Truck
$5,995

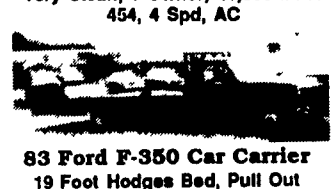
89 Ford F-350
Super Cab Dually
XLT Lariat, Fuel Inj., 460, AT, AC, Dual Tanks, Trailer Tow Pkg. Beautiful



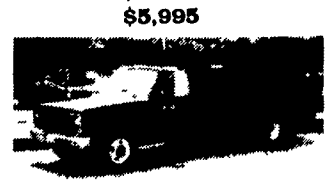
83 International
S-1700
9 0 Litre Diesel Rear Hydraulic Lift Gate, Rear Barn Doors, Side Door, Only 50,000 Miles, 21,000 GVW



Dually 89 Ford F-350
XLT Lariat, Strong 460 F.I., 5 Spd. Overdrive, A/C, Only 21,000 Miles

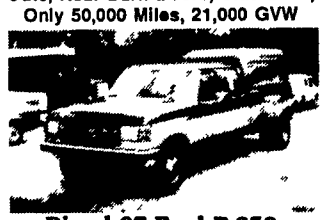


83 Ford F-350 Car Carrier
19 Foot Hodges Bed, Pull Out Ramps, Electric Winch, A/C, 6.9 Diesel, 48,000 Miles



89 Chevy C-3500
Stakebody, 12 Foot Box, Dual Rear Wheels, Fuel Inj., 350 4 Spd., Dual Tanks, 14,000 Miles

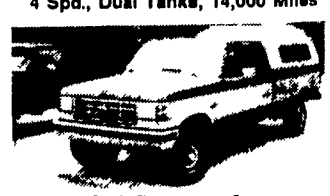
88 Ford F-350
Crew Cab
XLT Lariat, Beautiful, 1 Owner, 33,000 Miles, Fully Loaded, Trailer Tow Pkg., Fiberglass Cap



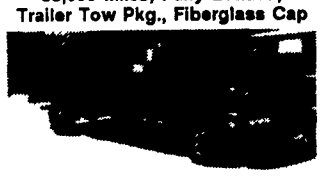
Diesel 87 Ford F-350
Crew Cab Dually
Diesel Power, AT, AC, Dual Tanks, 2 Tone Paint
$12,995

Diesel Power
87 Ford F-350 Crew Cab
Dually
Diesel AT, A/C, Dual Tanks, Trailer Tow Pkg. Running Boards 50,000 Miles

Diesel 4 Wheel Drive
82 GMC 3500
6.2 Diesel, 4 Speed, A/C, Full Power, 48,000 Miles

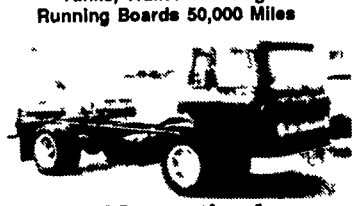


4x4 Super Cab
88 Ford F-250 Super Cab
XLT Lariat, Fuel Inj., 351, Auto, A/C, Dual Tanks, Trailer Tow Pkg.

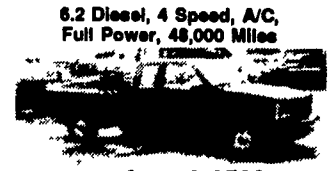


4 Door 4x4 Diesel
89 Ford F-350 Crew
Cab XLT Lariat
7.3 Diesel 5 Spd. Overdrive A/C 20,000 Miles & Very Nice

Super Duty, 88 Ford F-450
Cab & Chassis
14,500 GVW, 161 Inch Wheelbase, Fuel Inj., 460 5 Spd. Overdrive



67 International
Cab & Chassis
V8, 4 Sp., 2 Speed Rear, 112" Cab To Axle, Very Nice, Very Clean, Good Rubber, Ready To Go



88 Chevy C-2500
4 Wheel Drive
Fuel Inj. 350, AT, AC, Pwr. Windows & Locks, Rear Seat, 40,000 Miles, Very Clean

Diesel, 90 Ford F-350
Super Cab Dually
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30 New 19[illegible] S-10 Blazers
[illegible] New [illegible] & 4 WD Pickup

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12 New 1991 Lebaron Convts
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55 New - 1991 Lasers
10 New 1991 Chrysler N Y Salons

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20 New 1991 Mark VII Cpes
70 New 1991 Lincoln Town Cars
80 New - 1991 Cougar Spt Cpes
75 New - 1991 Sable Sdns & Wgns
90 New - 1992 Grand Marquis Sdns
12 New 1991 Topaz Sdns
25 New - 1991 Tracer Sdns, Wgns
8 New 1991 Capri Convt s

[illegible] TRUCK HEADQUARTERS
[illegible] 625 Chevy Trucks
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A $4060.00 # 842
Is $1860 Off MSRP & A $1000 Rebate Plus A $1200 Factory Equipment Package Discount New '91 Chevy S10 Blazer 4 Whl Dr Tahoe Mdl W/PEG Pkg CAA4, V6, AT, AC Vin M0197454 MSRP ★ $18,709 Our Price $15,849

1991 S-10 PICKUP HEADQUARTERS
B $3614.00 # 770
Is $1012 Off MSRP & A $1000 Rebate Plus A $1602 Fact Equip Pkg Disc New '91 Chevy S-10 P/U 2 Whl Dr Tahoe Mdl W/PEG Pkg AAA6 V6, 5 Spd, No AC, Vin M0191307 MSRP ★ $9991. Our Price $7979

1991 V-5 BLAZER HEADQUARTERS
C $4861 00 OFF # 037
Is $2361 Off MSRP & A $2500 Rebate. New 1991 Chevy V-5 Blazer 4 Whl Dr Mdl V8, AT, AC Vin MF116372 MSRP $19,560 Our Price $14,699

1991 SUBURBAN HEADQUARTERS
D $4933 00 OFF #018
Is $2433 Off MSRP & Includes A $2500 Rebate New '91 Chevy Suburban 2 Whl Dr Mdl W/P E G Pkg N1A2 V8 AT AC Vin MF111242 MSRP $18,932 Our Price $13,995

1991 ASTRO MINI VAN HDQS
E $3321 00 # 118
Is $1621 Off MSRP & A $1000 Rebate Plus A $700 Fact Equip Pkg Disc New 1991 Chevy Astro Pass Mini Van 8 Pass CS Mdl W/PEG Pkg ASA2 V6 AT AC Vin MB182689 MSRP ★ $15,820 Our Price $13,199

1991 PICKUP HEADQUARTERS
F $1641.00 OFF #107
Is $1141 Off MSRP & Includes A $500 Rebate New 1991 Chevy C-1500 Pickup 2 Whl Dr Mdl V6 5 Spd No AC Vin ME137636 MSRP $11,490 Our Price $9,849

1990 PICKUP HDQS
G $4683.00 # 279
Is $2883 Off MSRP & A $1250 Rebate Plus A $550 Fact Equip Pkg Disc New '90 Chevy K-1500 P/U 4 Whl Dr Scottsdale Mdl W/PEG Pkg P1A4 V8 AT No AC Vin L1183109 MSRP ★$18,302 Our Price $14,169

We Accept Major Credit Cards In All Our Service Departments

1991 CORVETTE HDQS
$7660 00 OFF # 070
Is $5660 Off MSRP & Includes A $2000 Rebate New '91 Corvette Convt W/PEG #1 V8 AT, AC, Vin M5109484 MSRP $41,829 Our Price $34,169

1991 CORVETTE HDQS
$7305 00 OFF # 091
Is $5305 Off MSRP & Includes A $2000 Rebate New '91 Corvette 2 Dr Cpe, W/PEG #1 V8, 6 Spd AC Vin M5111845 MSRP $39,244 Our Price $31,939

7.9%
Annual Percentage Rate Financing Thru GMAC Or A Cash Alternative Rebate As Indicated Below In "A To K"

1991 CAPRICE HEADQUARTERS
A $3101 00 OFF # 343
Is $2101 Off MSRP & Includes A $1000 Rebate New '91 Caprice 4 Dr Sdn V8 AT AC Vin MR133079 MSRP $17,240 Our Price $14,139

1991 CAVALIER HDQS
B $1213.00 OFF # 162
Is $613 Off MSRP & Includes A $600 Rebate New '91 Cavalier VL 2 Dr Cpe 4 Cyl AT AC Vin M7207772 MSRP $10,212 Our Price $8999

1991 LUMINA APV MINI VAN HDQS
C $3305 00 # 103
Is $1905 Off MSRP & A $1000 Rebate Plus A $400 Fact Equip Pkg Disc New '91 Lumina APV Mini Van W/PEG #1 V6 AT AC Vin MT111173 MSRP ★ $19,374 Our Price $16,469

1991 BERETTA HEADQUARTERS
D $2199 00 #094
Is $1299 Off MSRP & A $500 Rebate Plus A $400 Fact Equip Pkg Disc New '91 Beretta 2 Dr Cpe W/PEG #2 V6 AT AC Vin MY202533 MSRP ★ $13,448 Our Price $11,649

1991 LUMINA HDQS
E $3185 00 # 319
Is $1985 Off MSRP & A $1000 Rebate Plus A $200 Fact Equip Pkg Disc. New '91 Lumina Euro 2 Dr Cpe W/PEG #1 V6, AT, AC, Vin M9210601 MSRP ★ $16,254 Our Price $13,269

1991 STORM HEADQUARTERS
F $2501 00 OFF # 132
Is $1001 Off MSRP & Includes A $1500 Rebate New 1991 Storm 2+2 Cpe 4 Cyl 5 Spd AC Vin M7579113 MSRP $11,900 Our Price $9,399

1991 LUMINA HEADQUARTERS
G $3592 00 # 254
Is $1892 Off MSRP & A $1000 Rebate Plus A $700 Factory Equipment Package Discount New '91 Lumina 4 Dr Sdn W/PEG #2 V6, AT, AC, Vin M1129846 MSRP ★ $15,391 Our Price $12,499

1991 CAVALIER CONVT HDQS
H $2438.00 #278
Is $1188 Off MSRP & A $600 Rebate Plus A $650 Fact Equip Pkg Disc New '91 Cavalier RS Convt W/PEG #2 V6, AT, AC, Vin M7239569 MSRP ★$17,037 Our Price $15,249

1991 CAMARO HDQS
I $1841 00 OFF #395
Is $1341 Off MSRP & Includes A $500 Rebate New '91 Camaro RS Cpe V6, AT, AC, Vin ML180389 MSRP $13,740 Our Price $11,899

1991 GEO TRACKER HDQS
J $1101 00 OFF # 033
Is $601 Off MSRP & Includes A $500 Rebate. New 1991 Geo Tracker 4 2Whl Dr Convt Mdl 4 Cyl, 5 Spd, No AC, Vin M6931109 MSRP $10,460 Our Price $9,359

1991 CHEVY VAN HDQS
K $2263 00 OFF # 065
Is $1793 Off MSRP & Includes A $500 Rebate New 1991 Chevy G-10 Cargo Van, V6 AT No AC Vin M7112257 Msrp $14,262 Our Price $11,999

1991 CORSICA HDQS
$1167 00 OFF # 056
Is $1167 Off MSRP. New 1991 Corsica LT Sdn W/PEG #2 4 Cyl, AT, AC, Vin MY208381 MSRP $12,166 Our Price $10,999

★Listed MSRP Reflects Savings Resulting From Factory Equipment Package Discount As Explained On Factory Federal Price Label.

4.9%
Annual Percentage Rate Financing
Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To C

1991 DYNASTY HDQS
A $3084 00 OFF #091
Is $1884 Off MSRP & Includes A $1200 Rebate New 1991 Dodge Dynasty 4 Dr Sdn 4 Cyl AT AC Vin MD244249 MSRP $15,083 Our Price $11,999

1991 SPIRIT HDQS
B $3468 00 # 099
Is $1118 Off MSRP & A $1700 Rebate Plus A $850 Fact Equip Pkg Disc. New '91 Spirit 4 Dr Sdn W/PEG Pkg "A" 4 Cyl, AT, AC, Vin MF663170 MSRP ★ $13,217 Our Price $10,399

1991 DAYTONA HDQS
C $1530 00 OFF #070
Is $830 Off MSRP & Includes A $700 Rebate New 1991 Dodge Daytona Spt Cpe 4 Cyl, 5 Spd No AC, Vin MG118090 MSRP $10,929 Our Price $9,399

1991 SHADOW HDQS
Our Price $7659 #083
New 1991 Dodge Shadow America 2 Dr Hatchback, 4 Cyl, 5 Spd, No AC, Vin MN547565 MSRP $8164

1991 VOYAGER HDQS
$1750 00 OFF #231
Is $1250 Off MSRP & A $500 Rebate New 1991 Ply Voyager 7 Pass Mini Van W/Fam Val Pkg 4 Cyl, AT, AC, Vin MR266927 MSRP $14,649 Our Price $12,899

1991 CAPRI CONV HDQS
$1611 00 OFF 035
Is $1011 Off MSRP & Includes A $600 Rebate New '91 Capri Conv 4 Cyl 5 Spd No AC Vin M8608364 MSRP $13,510 Our Price $11,899

1991 SABLE WGN HDQS
$2737 00 OFF # 511
Is $2087 Off MSRP & Includes A $650 Rebate New '91 Merc Sable GS Wgn V6 AT AC Vin MA602453 MSRP $16,736 Our Price $13,999

1991 LASER HDQS
$1433 00 OFF # 111
Is $733 Off MSRP & Includes A $700 Rebate. New '91 Ply Laser Spt Cpe 4 Cyl 5 Spd No AC Vin ME120114 MSRP $11,232 Our Price $9,799

1991 DODGE PICKUP HDQS
$4956.00 # 127
Is $1781 Off MSRP & A $1500 Rebate Plus A $1675 Fact Equip Pkg Disc New '91 Dodge D-150 Pickup 2 Whl Dr SE Mdl W/Advan Pkg 26D V6 AT AC Vin MS231914 MSRP ★ $14,950 Our Price $11,669

1991 COLT HDQS
Our Price $7099 013
New 1991 Dodge Colt 2 Dr Hatchback, W/AM/FM, Tinted Glass, 4 Cyl, AT, No AC Vin MU047300 MSRP $8267 Price Includes $1000 Rebate

1991 GRAND CARAVAN HEADQUARTERS
$2463.00 OFF #142
Is $1963 Off MSRP & A $500 Rebate New 91 Dodge Grand Caravan SE Mini Van W/Family Valu Pkg V6 AT AC Vin MX587990 MSRP $19,932 Our Price $17,469

1991 STEALTH HEADQUARTERS
$1250.00 OFF # 012
Is $1250 Off MSRP New 1991 Dodge Stealth E S Spt Cpe, V6, AT, AC, Vin MY019589 MSRP $23,744 Our Price $22,494

4.9%
Annual Percentage Rate Financing
Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To F

1991 IMPERIAL HEADQUARTERS
A $5603.00 OFF # 019
Is $3903 Off MSRP & Includes A $1700 Rebate New '91 Chrys Imperial 4 Dr Sdn V6, AT, AC Vin MD193560 MSRP $27,902 Our Price $22,299

1991 FIFTH AVE HEADQUARTERS
B $4336 OFF # 061
Is $2636 Off MSRP & Includes A $1700 Rebate Plus A $200 Factory Equipment Pkg Discount New 1991 5th Ave 4 Dr Sdn V6 AT, AC, Vin MD260488 MSRP $21,485 Our Price $17,149

1991 SALON HEADQUARTERS
C $3881.00 # 038
Is $2281 Off MSRP & A $1200 Rebate Plus A $400 Fact Equip Pkg Disc New '91 New Yorker Salon 4 Dr Sdn W/Pop Equip Pkg V6, AT, AC, Vin MD254825 MSRP ★ $ 19,180 Our Price $15,699

1991 LEBARON HEADQUARTERS
D $3448.00 #090
Is $1548 Off MSRP & A $1000 Rebate Plus A $900 Fact Equip Pkg Disc. New '91 Lebaron 2 Dr Spt Cpe W/Pop Equip Spt Pkg V6, AT, AC, Vin MG157407 MSRP ★ $14,997 Our Price $12,449

1991 ACCLAIM HEADQUARTERS
E $3691.00 # 110
Is $1341 Off MSRP & A $1700 Rebate Plus A $650 Factory Equipment Pkg Discount New 1991 Ply Acclaim 4 Dr Sdn, W/Super Disc A Pkg 4 Cyl, AT, AC, Vin MF667321 MSRP ★ $13,040 Our Price $9999

1991 SUNDANCE HEADQUARTERS
F $1825.00 # 062
Is $900 Off MSRP & A $700 Rebate Plus A $252 Fact Equip Pkg Disc New 91 Plymouth Sundance 2 Dr Hatchback W/PEG #22B 4 Cyl, AT, AC, Vin MN577993 MSRP ★ $11,149 Our Price $9 549

To Qualify For The Lincoln Owners $2000 Certificate Program You Must Own Any 1985 Thru 1989 Lincoln Motor Car - Available On 1991 Lincoln: Town Car, Continental, Mark VII, Certificates Are Available Here Now

1991 CONTINENTAL HDQS
$9105 00 # 075
Is $4376 Off MSRP & A $1000 Rebate & A $2000 Lincoln Owners Certificate Plus A $1729 Factory Equip Pkg Discount New 1991 Linc Continental 4 Dr Sdn W/PEP #952 V6, AT, AC, Vin MY729394 MSRP ★ $30,925 Our Price $23,549

1991 TOWN CAR HEADQUARTERS
$7153 00 OFF # 030
Is $4153 Off MSRP & Includes A $1000 Rebate & A $2000 Lincoln Owners Certificate New '91 Lincoln Town Car 4 Dr Sdn, V8, AT, AC, Vin MY619414 MSRP $29,102 Our Price $21,949

1991 MARK VII HEADQUARTERS
$7353.00 OFF # 549
Is $4353 Off MSRP & Includes A $1000 Rebate & A $2000 Lincoln Owners Certificate New '91 Linc Mark VII LSC Cpe V8 AT AC Vin MY742048 MSRP $30,952 Our Price $23,599

1992 GRAND MARQUIS HDQS
$2687.00 OFF # 007
Is $2687 Off MSRP New 1992 Merc Grand Marquis GS 4 Dr Sdn W/Rear Defroster Cass Rad Whl Covers Pwr Antenna V8 AT AC Vin NX605253 MSRP $20,686 Our Price $17,999

1991 TOPAZ HEADQUARTERS
$3604 00 # 077
Is $904 Off MSRP & A $600 Rebate Plus A $2100 Fact Equip Pkg Disc New 91 Merc Topaz GS 4 Dr Sdn W/PEP #385 4 Cyl AT AC Vin MB624369 MSRP ★ $11,303 Our Price $9,799

1991 SABLE HEADQUARTERS
$4039.00 # 677
Is $2039 Off MSRP & A $600 Rebate Plus $1400 Fact Equip Pkg Disc New 91 Sable GS 4 Dr Sdn W/PEG #451 Vin MA627762 MSRP ★ $16,488 Our Price $13,849

1991 COUGAR HEADQUARTERS
$3763.00 # 701
Is $2063 Off MSRP & A $600 Rebate Plus A $1100 Fact Equip Pkg Disc New 1991 Merc Cougar LS 2 Dr Spt Cpe, W/PEP #260 V6, AT AC Vin MH645883 MSRP ★ $16,662 Our Price $13,999

Shop Reedman Prices 125 New 1991 Caravans & Voyagers In Stock-Revolving Inventory

ANY NEW MODEL COLOR EQUIP NOT IN STOCK WE WILL TRY TO FILL YOUR ORDER AS SHIPMENTS ARRIVE OR FACTORY ORDER IT

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CLOSED SUNDAY

Price Includes All Cost To Be Paid By A Consumer Except For Licensing Cost Registration Fee & Taxes

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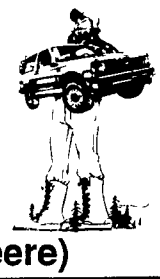

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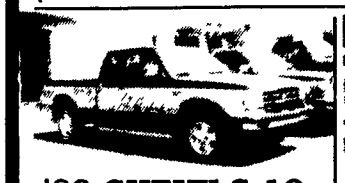
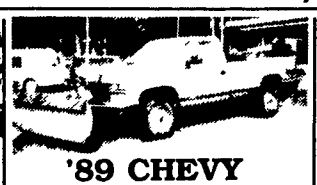
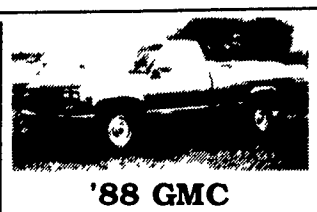


'86 CHEVY S-10 EXT. CAB 4x4
Tahoe, V-6, AT, AC, Low Miles, #6237
Was $8,495
NOW $6,995

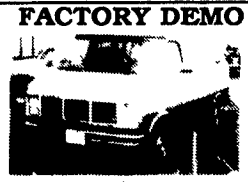


'89 CHEVY ¾ TON 4x4
8600 GVW, 350, AT, AC, Scottsdale, With Snow Plow, #6288
Was $14,750
NOW $13,500



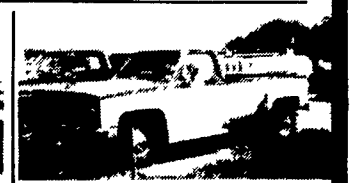
'88 GMC ¾ TON PKP.
350, AT, PS, PB, #6282
Was $8,995
NOW $7,490

FACTORY DEMO



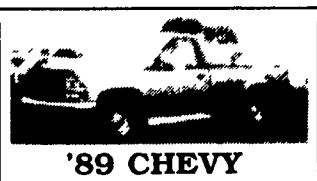
'91 GMC RALLY STX VAN
12 Pass, V8, AT, PS, PW, PDL, 3000 Mi. #6196
NEW $25,800
NOW $18,750

'91 GMC H.D. STAKE DUMP
14 Ft. Duty Body, V8, AT, 15,000 GVW, Demo #1065
Was $27,400
NOW $22,900
Also - 2 Chassis In Stock

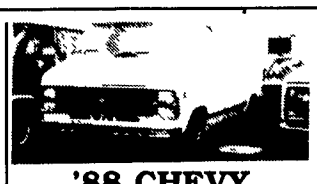


'86 GMC SIERRA CLASSIC DUALLY
1 Ton, 454, AT, AC, #6266
Was $10,900
NOW $8,750

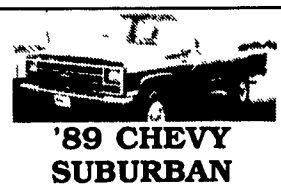
'89 FORD CREWCAB 4x4
V-8, PS, PB, #6297
Was $14,750
NOW $12,500



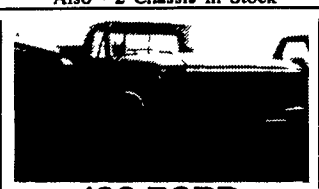
'89 CHEVY 1 TON PICKUP
454 Eng , AT, AC, Silverado, Loaded, #6242
Was $11,250
NOW $10,500



'88 CHEVY CARGO VAN
V8, AT, PS, PB, #6207
Was $7,995
NOW $5,995

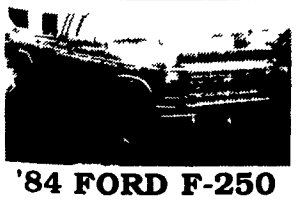


'89 CHEVY SUBURBAN ¾ TON 4x4
350, AT, AC, PW, PDL, Towing Pkg. #6180
Was $15,995
NOW $12,900



'86 FORD F-250 4x4
8600 GVW, V8, AT, AC #6301
Was $10,500
NOW $8,750

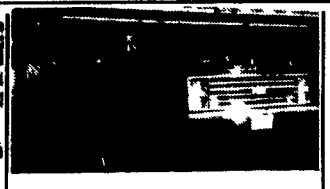
'86 DODGE D-300 PICKUP
10,000 GVW, V-8, AT, Great Work Truck, #6232
Was $5,495
NOW $3,995



'84 FORD F-250 SUPERCAB 4x4
V-8, 4 Spd , All Ready To Go, #6280
Was $8,995
NOW $6,450

'88 CHEVY SILVERADO
V 8, AT, AC, #6252
Was $10,750
NOW $8,375

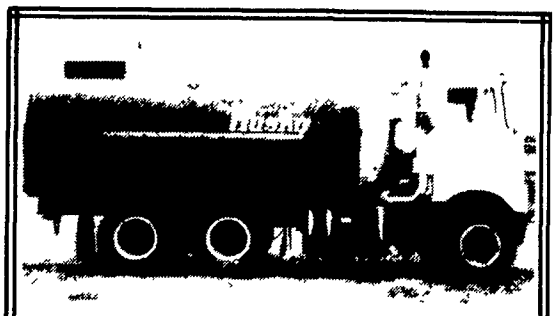
'88 CHEVY PICKUP
Cheyenne, AT, 4.3L Vortec, Great Shape, #6234
Was $7,995
NOW $5,995



'88 CHEVY 1 TON 4x4 DUALLY
454, AT, AC, Silverado, Loaded #6299 Was $15,750
NOW $13,800

'85 FORD F-350 CREWCAB UTILITY BODY
50,000 Mi , V-8, PS, PB, Clean, #6286
Was $9,995
NOW $7,945

'88 FORD F-250 4x4
460 V8, 8600 GVW, AT, AC, Only 39,000 Mi , #6251
Was $13,995
NOW $10,900



1980 Mack 10 Wheeler
350 Cummins, 10 Speed, 3850 Gal. Husky Tank, 3 Yrs. Old
Asking $12,500
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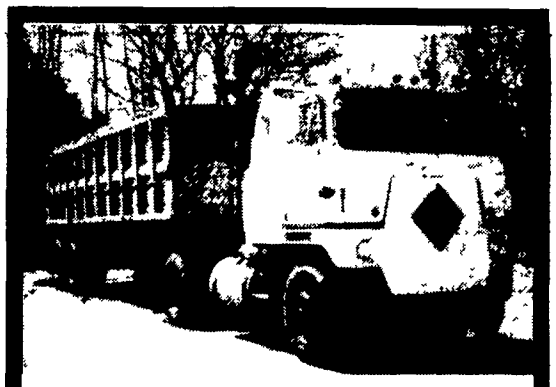

'78 IH 4070B
w/290 Cummins Engine And
28 Ft. Aluminum Dorsey Dump
$13,500
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USED TRUCKS

1981 International COF-9670, Cummins 400 BC, II, 75,000 Mi. on New Overhaul; RTO 14613 Transmission; Sliding 5th Wheel; Muncie Wetline
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1980 Peterbilt, CAT 3406-400 HP, Air-ride, sliding 5th wheel, RT12509 Transmission, Chelsea Wetline
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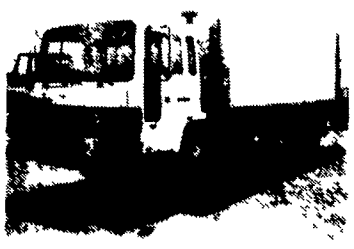
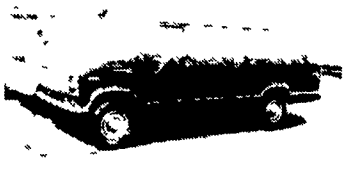
1989 GMC 6000 With 22' Box, 5.8L Turbo Diesel, 5 Sp., 9Rx22.5 22,000 GVW, 16,000 Miles #1139

1987 Ford E350 Dual Wheel With EMC 23 Pass. Bus, Dual A/C, 460, AT, PS, PB, Tilt, Cruise, 77,000 Miles #1167.

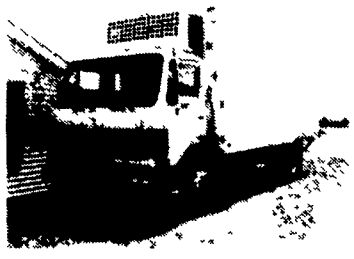


1988 Volvo FE6-15 With 20' Box, TD61FB Turbo Diesel, 6 Sp., 11Rx22.5, 32,900 GVW, 65,000 Miles #1160.

1989 GMC 7000 with 22' Box, Curb Door, 5.8L Turbo Diesel, 5 Sp, 2 Spd. 11Rx22.5, 29,700 GVW, 49,000 Miles. #1119.



1989 Ford E350 Super XLT 15 Pass., 351, AT, PS, PB, Dual A/C & Heat, PW, Tilt, Cruise, 45,000 Miles #1056



1989 Mercedes 1419 With 22' Reefer Box, Curb Door, RDI Thermoking, 190 HP Turbo Diesel, 5 Sp, 32,900 GVW, 58,000 Miles #1095

1989 Dodge B350 Maxi Royal LE, 15 pass., 360, AT, PS, PB, PW, PL, Tilt, Cruise, 41,000 Miles #1142

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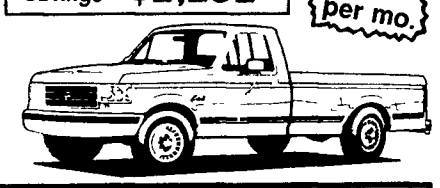
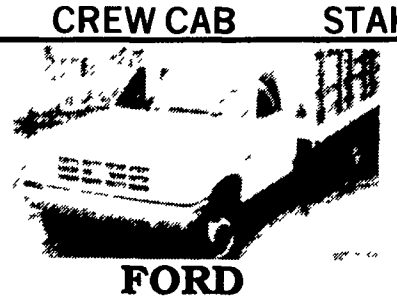
BRONCOS DIESEL PICKUPS CHASSIS CAB CARGO VANS 4x4 RANGERS PICKUPS
SUPER CAB CREW CAB STAKE BODY BOX VANS XLT CUSTOM VANS

'91 FORD F-150 4x2
6 Cyl., 5 Spd., PS, PB, AM/FM Radio, Argent Bumper, Custom Trim
$9,499*
Total Savings $2,292
$214 per mo.





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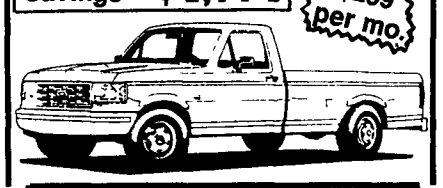
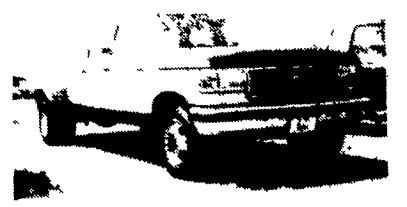
'91 F-150 4x2 XLT
Lariat, 6 Cyl., 5 Spd., AM/FM Cass., Air Cond., PW, PL, Sliding Rear Window
$11,498*
Total Savings $4,774
$259 per mo.





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7.3L Diesel, 5 Spd., Centurion Conv., Loaded With Extras!
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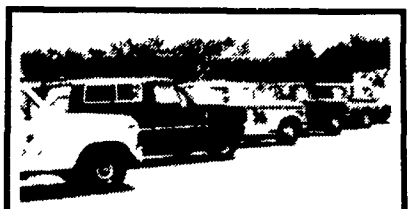

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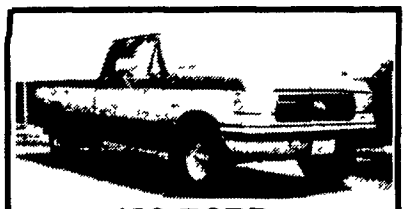

'89 FORD F-150 SUPERCAB
XLT Lariat, Diesel, Loaded, Capt. Chairs, Custom Wheels
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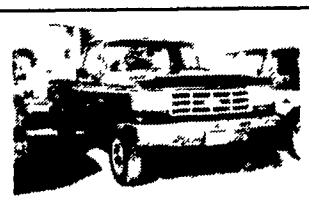

1991 F-250 4x4
AM-FM Stereo, Air Conditioning, 5.0L EFI V8, 5 Speed Overdrive, Vinyl Seats, Anti-Lock Rear Brakes, Tinted Glass, Step Bumper, All Season Radials w/Spare, Mnaual Locking Hubs.

1991 F-350 4x2
READING UTILITY BODY
5.8L EFI, Automatic Overdrive, Headliner/ Insulation Package, AM/FM Stereo, Vinyl Bench Seat, Step Bumper, H.D. Battery, Tinted Glass, Super Engine Cooling.

1991 F-SUPERDUTY DIESEL LANDMASTER DUMP
Dump and Utility Body Combined, Pintle Hook, Cargo Top, Step Bumper, Trailer Ball, And Rear Chute, 7.3L Diesel, H.D. 5 Speed Overdrive, Super Engine Cooling, Vinyl Trim, Tinted Glass, Anti-Lock Rear Brakes, All Terrain Tires, AM/ FM Stereo, Super Engine Cooling, Must See This Unique Truck.

1991 F-250 4x4 SUPERCAB
5.8L EFI, Automatic Overdrive, Manual Hubs, Chrome Step Bumper, Trailer Tow Package, Tu-Tone Paint, All Season Radials, Clearance Lights, XLT Lariat Trim, Captain Chairs, Anti-Lock Brakes, Air Conditioning, Tilt Wheel, Cruise Control, Power Windows and Locks, Equipped For Your Summer Towing Needs.

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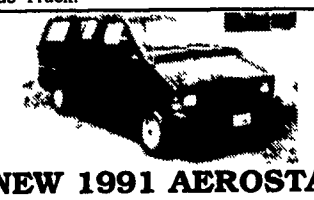

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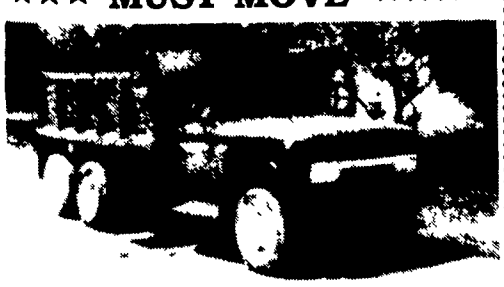

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553+/- acres, Mapleton Depot, Huntingdon County Great hunting Wooded River Near Lake Raystown $180,000. Ed Fay, Garden Realty 814-944-8822

310 acre farm, Lykens Valley Will divide. Dauphin County (717)365-3898.

82 Acre Farm, 1 mi. off Pine Creek Valley, in Clinton Co. Secluded, private, picturesque setting. Border State Forest two sides. Good size mountain stream, 50 acres open, balance woodland. 4 bdr., 1 bath farm house, large bank barn, corn crib, silo and out buildings and a never failing strong spring. Optional available stock and equipment Good price with terms Excellent for beef, horses or hunt club Owner will subdivide. For map, photos and information call Bob at Big Woods Lanc. Co. 717/769-6445

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COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands Respond to: P.O Box 301, Selinsgrove, PA 17870

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57 Acre modern farm house w/outbuildings and barn, 23 acres pasture, 34 tillable. Suppliment mobile home or building site on property. Contact BARGER REALTY SERVICES 717-322-1991 for details.

5 Acres plus with old mill and 2 sheds Ten minutes south of Bloomsburg near Numidia Fishing creek runs through parcel Asking $35,000. Call 717/875-4485.

Cumberland Co, Carlisle, 4 mi. SE, 2½ story brick and alum. farmhouse, 4 bdrs, 2 baths, 3 fireplaces, with barn and outbuildings On 4½ acres $149,900 or on 12 acres $189,900 or 21½ acres $239,900 717/258-1921.

Dairy farm 250 acres, 180 tillable, 35A woods, 35 pasture Barn for 100 head 3BR house, machinery building. Asking $100,000 or BO Fillmore Realty, Western NY, (716)567-8701.

FARM —DUNDEE, NY 640 acres, home, 100 cow free stall barn, 3 Harvestores. Will sell entire parcel or will divide at $880/acre 607-243-5101; 607-243-8690 (Paul).

FARM WANTED, preferably dairy, in Westmoreland, Indiana, Cambria Counties SYLVAN REALTY COMPANY, Lucie Whittle, Office (814)536-5354, Home (814)535-6601

FOR RENT Beautiful Tioga County dairy farm w/ fully equipped 45 stall barn, nice house, 60+ acres pasture, no work land but feed available (814)628-2920

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Charming 3 bdr. home, spacious well lit rooms. Gas hot water heat, patio w/gas grill. Den or office w/¼ bath. Also featuring new 28'x68' multi-purpose shop w/ central dust collection & 400 amp 3 phase service. Ideal woodworking shop for business or hobby. Corner lot w/mature trees. Westfield, Pa. Listed at $79,900.
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64 acres of good cropland.
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CANTON TOWNSHIP
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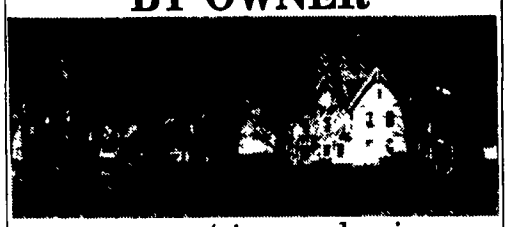
FARM FOR SALE
BY OWNER



112 acres w/view and privacy.
Large Victorian house,
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$175,000
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158 Acre Dairy Farm, 131 acres tillable, beautiful ranch style home, 2 story barn 36x120, 14x45 cement silo, brand new 20x70 silo, 40x90 round roof machine shed.
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Farm Located In Potter County, Consisting Of 265 Acres, 201 Workable Acres, Soil Conservation Approved. Spring And Pond, Large 9 Room House With Family Room And Fireplace, 1½ Baths, Garage In Basement. 6 Room Tenant House, 1 Bath, And Garage, Potato Storage, Shenango Shop/Garage, Circle Steel Grain Bin, 2 Machinery Buildings. State Road.
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Potter Co. - General Store
General store, car wash and single-bay garage with lift that could be used for auto repairs or expansion. Nice location on a busy corner in Shinglehouse. $85,000. #161

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180 acres, 2-story home and large barn in northern McKean Co., Two silos. Approx. 1/3 wooded. Good spot to raise beef or horses. $125,000. #159

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WOODLAND-SOUTHERN LANCASTER COUNTY
Virgin timber, deer, a delightful setting, 52 acres $209,500

BRECKNOCK TWP.
15½ acre farm w/2½ story 4 BR home, bank barn, 65x80 bldg only 7 yrs old, shop and equipment building Ideal for beef, veal, horses ~~$279,000~~ $259,000

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Southern Lanc Co 3 BR farm house, excellent condition 7.8 acres, all tillable land Stable w/ fenced barnyard Great for horses! ~~$209,000~~ $199,900

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#780 1034 acres 700 cropland, 200 free stall barn, double 6 parlor, 3 silos, 2 houses, 150 milk cows, plus young stock included $900,000.

Niagara County: 102 acres, 100 tie stall barn, 2 gutter cleaners, feed conveyor system, (needs tank and pipeline), 2 Harvestore silos, hay barn, $66,500, with 2 family home, $140,500.

223 acres, 190 tillable, 36 tie stalls, tank & pipeline, silo, good 3BR home, public water, $165,000

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Cortland County: 200 acres, 70 tillable, 55 pasture, 100 acres rented, modern 84 tie stall barn, 2 bulk tanks, pipeline, 6 units, gutter cleaner, Morton equipment and shop building, heifer barn, 4 silos, good 4BR home, $229,000

Oneida County Clinton/Deansboro Area Excellent dairy modern 143 tie-stall barn, (4 rows) 2 Patz gutter cleaners, 2" pipeline, 2000 gallon tank, 3 stave and 1 Sealstore silo w/unloaders, metal equipment building, heated shop building, 25,000 bu grain bin w/ dryer, good soils, nice remodeled 3 BR home, owner retiring Cattle and equipment available Additional land and 2 more homes available

Other farms - all sizes available
24 hr. notice for appointments.

MCKNIGHT-HOGAN AND NOONAN REALTY, INC.
Ask For Jim Noonan, Broker
716-433-6788
716-434-5088 Eves. & Weekends

410 Acres
225 tillable
125 pasture.

Complete operating Dairy Farm. 175 freestalls, Double Six milking parlor, auto. take-offs, and 7 silos. 100 Acres with dairy barn, 36 acres open land, 130 acres open land, 22.5 acres open land, 118 acres with heifer barn, 4 br house wiht 1 acre.

Dairy Farm, Benton PA

99 Acre, 73 tillable, 53 comfort stalls, 20x60 Harvestore, 20x60 stave, bunk feeder, bulk tank with pipeline, 4 BR frame house. $279,500.

Call Harry Zimmerman
Office: 717-299-4885
Home: 717-355-2048
Car: 717-575-2542
TOWN & COUNTRY REALTY

FARM LAND FOR SALE

One field 118.29 Acres
One field 28.81 Acres
One field 22.10 Acres
One Building Lot 1 Acre

Beautiful land. No longer need the land and the price is right.

Make good horse farm or nursery. Buy any one of the four parcels. Land at Columbus, NJ in Burlington Co. 12 mi. S. of Trenton, NJ

Call by Phone
609-298-1021

FARMS CUMBERLAND COUNTY

Hog and Beef Farm 1200 head hog growing operation with contractor, bank barn w/additions, 16x70 silo unloader, conveyors, 80' feeder, 78 Ac limestone soil. 4 bdr. dwelling Call Charles or Wib

32 Acre Farmette Western bank barn, 3 bdr Cape cod dwelling plus a double wide M H Beautiful view, spring Owner will subdivide, call Charles

Franklin Co. 86 Acre general farm, limestone soil, bank barn, 6 bdr frame & log dwelling, spring fed stream, near Willow Hill interchange of PA Turnpike

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

IN THE COUNTRY; NOT FAR FROM TOWN

Looking for a farmette? We have it and we are ready to show it. A remodeled older home with six plus acres and three story barn located in the Milton Area.

SECLUDED AND SERENE

Do you want the feel of country living yet not have to drive a distance to town? Do you want 55 acres to own but not have to do anything to the fields? We have listed a limestone home with acreage in a farm conservation program This home has 3 bedrooms, large kitchen, large living/dining room and is 130 years old. Get ready to enjoy the outdoors and relax

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FARM DIVISION
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Annville, PA 17003
717-867-4487

10 Acres woods in Juniata Co. $20,000

Call
Francis Ulishney
(717) 272-2989

WRITE OR CALL FOR BROCHURE OR FARMS & LAND.

COLUMBIA COUNTY FARMS

67 Acres, 2 ponds, young orchards, barn and other buildings, 4 bdr. home, approx. 55 level tillable acres, $260,000.

70 Level Acre Farm, 4 bdr. farmhouse, plus 1 bdr. guest house, barn and other buildings, in good condition, $199,900.

Located in the middle of 9.38 acres of clear and level land to offer a great view. This unique western contemporary built of wood and stone, hand hewn posts and beams, knotty pine walls, spacious living area, 14x24 Solarium w/swim and spa 2 story horse barn, built in 1988, $495,000.

CALL COLDWELL BANKER-WANDELLL/SOFIANEK REALTY, INC.
1/800-767-8172

36 REAL ESTATE

10.17 acre Gentleman's Farmette in a private setting in prestigious Lancaster County. 1806 restored stone home. Local to Harrisburg, Hershey, Lancaster and York. Currently horse farm, but adaptable to many uses Gorgeous! $320,000. Lois Evans. B GARY SCOTT REALTORS 717-569-8781.

110+/- ACRES, CENTRAL PA: Bank barn, veal barn, pole barn and workshop Approximately 70 acres tillable, edges wooded and/or pasture. Large frame home Taxes approximately $220/year total Just off RT 180 between Interstate 80 and Muncy, PA....$195,000. THE FAIRMAN AGENCY 717-538-2582

1173+/- acres, Altoona, Blair County. Surrounds reservior. Excellent Hunting. Wooded. Spectacular Views. $300/acre. Ed Fay. Garden Realty. 814-944-8822.

Modern 260 Acre Dairy Farm still in operation, prime location, alfalfa land, buildings and gravity spring water 518-425-3381.

NEW JERSEY. Salem County, Hunters Paradise, 212 acres of tillable, wooded and marsh land, full of wildlife, large barn w/electric and water, $500,000 Salem County; 94 Acres of cleared farm land, $188,000 Call Joan 609/678-2044 or 609/678-4932 eves or weekends Coldwell Banker Realty Concepts

Older house in good shape, 4 bdrs , garage In a small quiet village on Lake Ontario $40,000 Will finance 315/649-2507

POTTER COUNTY 24 97 country acres, ½ wooded, nice timber, 2 acres +/- stocked beaver pond, good access, hard road frontage, septic system installed Bingham Twnshp $27,500 KOCH REAL ESTATE 814-367-5380

POTTER COUNTY 4 55 wooded acres, drive, building lot, convential septic installed Secluded hillside site Harrison Twnshp $9000 KOCH REAL ESTATE 814-367-5380.

Longacre

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Rt. 100 Hereford, PA 18056
Ph: 215-679-5919
Donald R. Longacre, A.S.B. (215) 679-5910
Paul Zeisloft, R.E.S. (717) 437-2305
Wilson Hoffman (215) 845-2443

NORTHUMBERLAND COUNTY
• Veal Farm 10.6 Acres with 10 Year Old Mobile Home 106 Head Veal Barn, 3 Years Old, Veal Grading Equipment Included. If This Equipment Is Not Needed, Price Negotiable. Near Watsontown, Pa. $75,000. Call Paul Zeisloft 717-437-2305.

SCHUYLKILL COUNTY
• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000. Additional roadway available at extra cost.

TIOGA COUNTY
• 20 acres and 30 more available 200 veal calf set-up with slurry system, with all modern equipment and storage space for everything necessary. 4BR house, frame log and stone 10 years old, 2 baths, $298,000.

• 170 acres M/L, 110 tillable, 60 acres pasture. Beautiful large 4BR house, large fireplace with heat hook-up, wall to wall carpeting, modern kitchen, den, lg. LR, 1½ baths, full basement. Large summer house with canning area, wood and oil heat to complete house. 39 tie stall barn 36x100, with pipeline milking, modern milk house with 650 gallon tank, heifer barn, dry cow barn, shop and bull pen attached. 1 car garage. $210,000. Price Negotiable. This house must be seen to be appreciated. Rolling farm machinery available with extra cost.

• 350 acres m/l dairy farm or steers, horses, 320 tillable, features large 2 story dairy barn, 246'x40', hay storage on 2nd floor. 3 2-story homes all in good condition. 2 machinery sheds, 4 car garage, level land. $300,000.

COLUMBIA COUNTY
• 280 Acres Steer or Horse Farm, on Gently Rolling Land, Good Alfalfa and Corn Ground.
Remainder of Land $2500.00 Per Acre.
Must Buy as Least 12 Acres. Lots of Road Frontage. Price Negotiable.

• Nice Place to Build your Dream Home! 70 Acres with Stocked Farm Pond. Lots of Road Frontage on Rt. 44. 1 Mile North of Jersey Town. $175,000. Call Paul Zeisloft 717-437-2305.

NORTHAMPTON COUNTY
• 68 acre dairy farm, 4 stall surge milking parlor with feeding, 39 free stalls and loose housing and heifer barn, 1600' M/L road frontage on Rt. 191, large frame house and small summer house, needs repairs. 65 building lots laid out by engineer. Call for details. $595,000. Price Negotiable.

BEDFORD COUNTY
• 191.26 Acres m/l, 155 Tillable, Gently Rolling Long Fields, Good For Corn And Alfalfa, 30 Acre Woodland, 6 Acres Pasture. 86 Free Stall Barn, With Divided Feeding, Double Six Milking Parlor, Low Line Automatic Take-Off. 1,500 Gal. Bulk Tank, With Washing Equipment, Etc. 4 Silos, 1 Poured Concrete For Haylage, 16x60, 1- 20x70 Concrete Slab For Corn Silage, 2- 12x40 Used For Shelled Corn With 150x30 Trench Also Has Large Slurry Pond. 2 Houses In Good Condition, All Modern Conveniences. 1 Brick 2 Story 9 Room, 1½ Bath, 1 Frame With 4 BR, 9 Rooms, 2 Baths. Price $750,000 With 100 Very Good Dairy Cows And 70 Heifers. Must See This Farm To Appreciate It! It Has A Lot Of Road Frontage.

BRADFORD COUNTY
• Dairy Farm 480 Acres M/L Price $680,000. 2 Houses Both 2½ Story, 1 very Large Bedroom, Center Stairs, Large Farm Kitchen, 2 Baths, Large LR/DR, Office and Sewing Room, Lg. Family Room, Full Basement, Oil/Hot Water Heat. This House was Completely Refurbished. Tenants House Completely Redone. Oil/Hot Water Heat Baseboard, Lg. Kit., Dining Area, 3BR, One Car Garage Attached. 174 Free Stall Barn, with 7 Computer Feeding Units, 13,000 Bu. Grain Storage with Grinder Unit and Mixing Unit to Handle 200 Head Dbl. 8 Stall Milking Parlor, with New Automatic Take-Off, 2-1500 Gal. Bulk Tank, 3- 24x60 Concrete Stave Silos with 1- 20x60 Concrete Stave Silo all with Unloaders and Grain Storage and Mixing Area for Feeder Wagon Feeding in Both Barns. Heifer and Dry Cow Barn for Graded Stalls and Feeding Area and Catching Area, 125 Head. Farm Plans for Setting Up Gravity Flow Manure Holding Area. Big Machinery Shed in Enclosed Repair Area. Cattle and Farm Machinery Available at Extra Cost.

For Rent A Beautiful Lebanon County Dairy Farm, fully equipped 80 stall barn, maternity and heifer pens; 20x60 and 20x80 Silos; 19x42 Slurrystore, 50 acres, half farm house. Please Call 717/867-2071.

CABIN FOR RENT

Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly

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FOR RENT:
86 STALL MODERN DAIRY BARN FACILITY WITH HEIFER BARN. AVAILABLE IMMEDIATELY WITH HOUSING.

2 CHICKEN HOUSES WITH CONTRACT AVAILABLE

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Juniata County

85 Acres m/l 2½ story, 4 BR home, bank barn and other out bldgs Ideal for produce farming - $195,000

Snyder County

101 Acres, m/l dairy farm 2½ story, 4 BR home, barn w/milking parlor, calf shed, silo and other outbuildings $280,000

Union County

24 Acres m/l 2½ story 5 BR home, bank barn and other outbuildings $179,000

83 Acres, m/l all tillable 6 BR log house, bank barn and exceptional large metal building

RE/MAX Integrity Real Estate
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MOUNTAIN GROUND
100 Acre Lake

8+ WOODED Acres Only $4900. Deeded Access to Stocked Sportsman LAKE. Best Hunting county in NY state (Allegany) minutes to POTTER Co. PA - $500 down $54.24 per mo. - 12.5% int. 180 mos. Owner Financing.

Alma Pond F.P.
(717) 784-9022

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

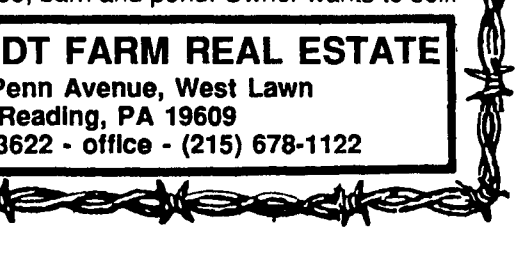
See the May 25 or June 29 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 466-2118

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000



ULTIMATE GENTLEMAN'S FARM

This sensational MAGAZINE QUALITY Property features 5 BR, 4 bath 1819 stone farmhouse w/slate roof, Hefleger custom gourmet kitchen, 27½ acres w/4½ acres lawn, pond, fountain, in ground pool, horse stables, 3 car gar w/apart. Near I-78, One of Berks County's finest showpieces. $795,000.

For a complete brochure, call
STERLING G. BROSSMAN, REALTOR
717-366-3780
Needed-Small Dairy Farm. Call Sterling

LANCASTER COUNTY SHOW PLACE
(Close to Chester Co. Line)

120 Acre Dairy Farm- ½ Level, ½ Rolling, Long Lane Very Private. 56 Comfort Stalls, 19 Free Stalls, 1500 Gal. Milk Tank, 4 Silos, Manure Lagoon, New Heifer Barn, 2½ Story Stone House With Modern Facilities, 4 Bedrooms, 2 Baths, Attached Garage, Etc.

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA 17576 (Lanc. Co.)
717-392-1177

BETHEL TOWNSHIP...

300 PLUS ACRES... Very large tract of land just inside Berks County. Borders on Route 501 and is just south of Route 78.

BERKS COUNTY

61 Acres Industrial/Commercial Farm with 1 mile road frontage on twp. road and interstate highway. Easy access to I-78. There is a house, barn and pond. Owner wants to sell!

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122

For Sale By Owner

320 Acre Dairy Farm, 210 acres tillable, 130 tie stalls and stanchion barn, silos-20x70, 20x70 and brand new 20x70, feed bunk, 3 unloaders, 4 barn cleaners, machine shed, large 4 bdr. home, 1,500 gal. Mueller bulk tank.

Contact
Blue Chip Elevators
Ray C. Liepke
Box 678, Hwy 29W, Abbottsford, WI
Home 715/229-2505 after 7 PM
Office 717/223-2389 8-5

So. Northumberland Co. & Surrounding Counties

— Reduced —

Large diversified operation.

Hogs, cattle, layers, modern buildings w/manure pits, large machine sheds & shop, 2 good homes & trailer pad. 174 acres, 155 tillable. Possible Owner Financing. ~~$325,000~~ $275,000.

160 acres, no buildings. Timber, farmland & streams. Can be divided $1,500/acre. Owner Financing Available.

86 acres, 4 bedroom log home & well maintained trailer. 30 acres farmland, balance wooded. $100,000.

Snyder County: 3 acre farmette, 3 bdr. 90 year old home- in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000 Reduced $139,000.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing. $77,000.

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings No Down or Rent Option. $140,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

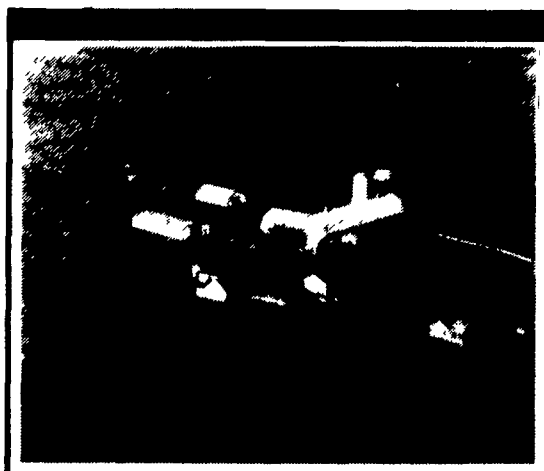
8 acre & 18 acre wooded lots, road frontage. $29,000 each Low Down.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

DAIRY FARM

75-acre improved, operating dairy farm with 5-bedroom, 2-story home. Dairy barn, hog barn and feed lot, calf barn, 5 stall horse stable plus buggy storage and work area. Gas well, free gas and royalties. Conneaut Twp., Crawford Co., Pa. $85,000.00

For Sale By Owner
607/566-2797



LEWIS COUNTY NEW YORK

By owner Dairy of Distinction, Super Milk Award 455 acres, outstanding soil, 120 milkers and springing heifers, 80 young stock, complete line of machinery, Delaval pipeline, silos, 3 lovely homes, in-ground pool, fine school. $650,000

1990 income $228,000

For information packets and aerial photo call
315-688-4477

FOR SALE EASTERN PENNSYLVANIA POULTRY FARM

Excellent cash flow from broilers. All housing in excellent condition. Some owner financing available

Write: R-29
c/o Lancaster Farming
PO Box 609
Ephrata, PA 17522

DAIRY COUNTRY

Established Northern New York Dairy Farm on Canada/Vermont border overlooking Lake Champlain/Green Mountains of Vermont. Consists of 2 farms, 220 acres on one, 190 acres on the other. Pine tillage, all flat land, well drained, excellent for crops or horse farming. Pipeline system, 2000 gallon bulk tank, easy feeding for 125 cows year around. 3 bedroom farm house with 2 bedroom apartment. Also, brick country home sold together or separately.

518-846-8132

NOTE: All Land Is In Ag District And With Low Taxes.

The Prudential

Stewart Real Estate
47 West Pomfret Street
Carlisle, PA 17013
(717) 245-9393

An Independently Owned and Operated Member of the Prudential Real Estate Affiliates, Inc.

Renovated 4 bedroom farmhouse on 38 acres in move in condition. Enjoy the privacy, wildlife and the picturesque setting. Call Linda O'Hanlan (717) 258-5653.

Looking for a Private Estate? 590 Acre farm with well maintained grounds. A 5 acre lake, 180 acres of fenced pasture, and woodland. Call Mark Bucher (717) 776-3073.

Four bedroom Farmhouse on 47 acres Reduced to $139,900. Barn with water and electric and implement buidling.

WE'RE PREPARED TO MAKE IT HAPPEN℠

CENTRAL WISCONSIN DAIRY FARMS

Located in Clark, Marathon & Taylor Counties in the Heart of the Dairyland.

200 Acre Dairy, good 35 stall barn. $90,000.00.

398 Acre Dairy almost new 52 stall barn, pipeline. $85,000.00.

79 Acre Amish Dairy, All tillable, good bldgs. $55,000.00.

232 Acre Dairy, 36 stall barn, pipeline, $80,000.00.

40 Acre Veal Farm, 133 calf crates, $49,900.00

160 Acre Dairy, 30 stall barn, $65,000 00

140 Acre Dairy, EX 52 tie stall barn $93,000.00

153 Acre Dairy, 34 stall barn, $80,000 00.

311 Acre Dairy, most tillable, 88 stall barn, $230,000.00.

231 Acre Parlor Dairy, 88 cow free stalls, hfr. barn $195,000.00.

20 Acre Dairy 55 stall barn, $45,000.00.

148 Acre Dairy, 26 stall barn, $50,000.00.

MANY OF THESE FARMS HAVE A FULL LINE OF FARM PERSONAL PROPERTY, AS WELL. CALL OR WRITE FOR PICTORIAL BROCHURES ON THESE FARMS AND OTHERS LISTED IN THE AREA.

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502 West Pine St.
Abbotsford, WI 54405
"Over 30 years experience in Central Wisconsin Property Values"
715-223-4068

HEYWORTH REALTY

IDEAL hog, veal/beef 98 ac. farm, bank barn, mach shed; stream & pond. Lovely brk Cape Cod home. Fulton Co.

GREAT DEVELOPMENT POTENTIAL w/ this 43+ ac. farm. Approx. 1200' rd. front, public sewer. Farm bldgs. 3 BR rancher.

COUNTRY ESTATE of 433 ac farm boasting 2 story farm house, 2 mod rancher, 1 mobile home & hunting cabin. 2 workshops, bank barn, wagon shed. Stream & pond. Blacktop driveways.

HEYWORTH REALTY
Lawrence Stouffer
301-733-3701 Eve: 717-597-2584

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60 ACRE FARM

2 ponds, barn and stable. Lovely historical farmhouse with extra large rooms, fireplace, sunroom and lots of extras. Located in Lebanon Valley, PA. Zoned agricultura. $319,000 #3567

Call CENTURY 21
Krall Real Estate, Lebanon
1-800-537-1575 Or 717-273-1631

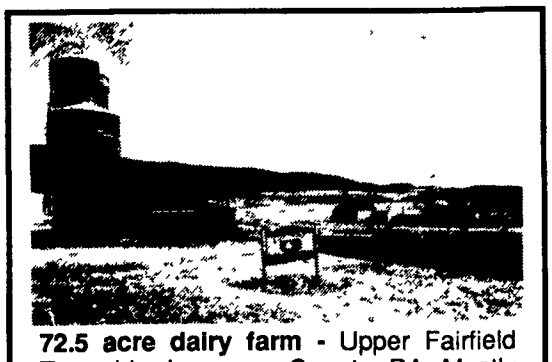
RESTORED MILL, farm house, and numerous outbuildings on 36+- acres in Middlecreek Township, Snyder County. Good location. Call for dteails. Asking $134,900.

Lechner & Stauffer Inc.
Realtors
589 Main St., Pennsburg, Pa. 18073
1-800-227-3907 (PA Only)
Or (215) 679-9568

WOODED LOT

approximately 1½ acres w/two mobile homes, 2 septic systems, 1 good well, and garage. 5 miles North of Mifflintown. Good hunting and fishing area.

(717) 734-3361



72.5 acre dairy farm - Upper Fairfield Township, Lycoming County, PA. Mostly open land, picturesque setting, perfect for your dream house. 60 cow tie-stall barn with 2 Harvestore (20x40 HMSC and 20x70 with bottom unloader) silos, 2½" pipeline milker, 1000 gallon bulk tank & haybarn - both built in 1989. $225,000. For additional information call

Peggy L'Heureux
Real Estate, Inc.
(717) 326-6541

WANT TO OWN YOUR OWN DEVELOPMENT?

Established development in the mountains, Amberson Estates is located between Blue Mountain and Willow Hill exits of PA Turnpike Over 50 lots sold, many with homes in place

This picturesque area features abundant wild life, mountain streams, a four acre lake and two ponds, all stocked with fish

34 lots approved and ready for sale WHY BUY A LOT WHEN YOU CAN HAVE IT ALL FOR $400,000!

Call Sue Or Howard
LONG & FOSTER REAL ESTATE
442 Stouffer Ave.
Chambersburg, PA 17201
(717) 267-2204
or outside PA
(800) 458-0272

BigWoods LAND Co.

Recreational, Commercial & Development Real Estate

717/769-6445

Beautiful mountain lots and acreage for sale in Clinton and Lycoming Counties.

45 Acre Wooded Lot, perk approved with electric, timber, small stream, excellent view, good bear, deer and turkey. Close to Woolrich, PA. $45,000. Owner Financing.

Campground w/65 acre farm, 50 unit travel trailer park on 360 acre Rose Valley Lake, (Operated by PA Fish Commission). Lycoming County, $175,000.

3.26 Acres adjacent Sproul State Forest, level wooded lot. $9,900

362 Wooded Acres, Clinton Co., Tangascootack Creek borders Sproul State Forest, $442 per acre.

Remote mountain cabin adjacent fishing stream for rent on weekly basis.

*** Pay No Capital Gains With Tax Free Exchange**

Call Today For More Information About Our Recreational Real Estate

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QUEEN ANNE'S COUNTY, MARYLAND
466 acre horse or grain farm with fabulous new home, barns, 5 car garage with apartment, kennels and 349 tillable acres. This estate farm is located at the headwaters of the Wye River.

TALBOT COUNTY, MARYLAND
Wide creek front farm off Choptank River. 180 acres with 100 acres tillable. Three ponds, pole shed, barn and small attractive brick residence in wooded setting. Approximately one mile of waterfront.

KENT COUNTY, MARYLAND
1,450 acre waterfront farm with 3.5 miles of shoreline on the Sassafras River and Turner's Creek. 900 acres tillable, some marsh and an 18 acre pond. Geese, ducks and deer abound.

KENT COUNTY, MARYLAND
224 acre, more or less, inland farm with 127 acres tillable, 80+ acres woods, 20+ acres marsh and one pond near Kennedyville. Excellent soils and hunting area with geese, ducks and deer.

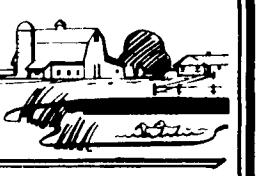
Contact: Bill Taylor
WALSH AND BENSON, INC.
P.O. Box 1085
Easton, Maryland 21601
Phone: 301-822-1415
Fax: 301-822-0877

HERITAGE REALTY GROUP INC MLS
1525 Science St, State College, PA 16801
814-231-0101

"FULL TIME, FULL SERVICE, EXPERIENCED."

Contact: DON C. MYERS
Residence: (814) 422-8111
KENNETH L. HALL
Residence: (814) 387-6273

FARM & RURAL PROPERTY DIVISION



A HIGHER STANDARD IN PROFESSIONAL FARM MARKETING
offering:

- Planimeter measurement of ASCS photographs.
- Computer plots of legal descriptions.
- A knowledgeable staff that understands soils, productivity, and wetland implications.
- Evaluation of the highest and best use of properties.
- Quality promotion including advertising, detailed brochures, and Ag Progress Days.

If you want the best professional farm real estate service available in Central PA, we would be pleased to be of service to you.

Many farms, farmettes, and land parcels available Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the May 25th issue

---

THE REAL ESTATERS OF MANSFIELD

1671 S. Main St., Mansfield, PA 16933
(717) 662-2138 - Evening (717) 659-5514

NEW FARM LISTING
120 head capacity for heifers and cows in barn w/82 cows back to back on 2" S.S. pipeline. Room for lots of calves and heifers. 48x100 machinery shed, 20x80, 20x75 and 20x40 Harvestore silos. Nice 5 bdrm, 2 story remodeled farm house. Approx. 215 acres. Just $268,900. M-834 & M-835.

REDUCED! REDUCED! REDUCED!
156 15 surveyed acres north of Gillett, PA. Borders paved and Twp. roads for thousands of feet. Stream thru property. Mix of woods, pasture and tillable. 2 approved sewage sites for in-ground system. 2 barns. Electric on site. Was $633 p/ac or $98,900. Reduced to $599 per acre or $93,500. M-830.

HANDY MAN SPECIAL
On 1.32 surveyed acres located in Springfield Township, Bradford County. Corner lot bordering 2 maintained roads. Views of surrounding farms. 2 story frame, 3 bdrm. home over basement w/dirt floor. Needs work, but priced accordingly at just $24,900. M-819.

HORSES, HEIFERS OR BEEF
Would work nicely on this former dairy buyout facility which expires in June 1991. Currently open farmer free stall metal barn w/horse stalls. Had approved sewage site on 11.9 acres. 2 story frame barn. Excellent buy at just $35,900. M-859.

BORDERS STATE FOREST!
Minutes to the PA Grand Canyon and Pine Creek from this 18.343 acre parcel on Mt. Tom. All wooded with nice bldg. site off privately maintained road. Hunt 1000's of acres out your back door. Just $18,500. M-817.

SOUTHERN BEDFORD COUNTY, PA

Everett area: Very private but just 3 miles from town, 4BR, 2½ bath, 2 story vinyl sided home w/attached 2-car garage, unattached 28'x40' garage, shop or stable. All in good condition on 15 open and wooded acres with great view. $125,000.

Mench area: Acreage 17.09 open and wooded acres, without buildings for $28,000. Adjoining 48.01 mostly open acres w/stream, for $44,640. Buy one or both as 65.1 acres for $72,500.

Close to Everett: 3 room cabin w/barn and out buildings. Small pond and stream on 10 open and wooded acres $34,500.

Near Breezewood: 3 BR and 2 bath custom built chalet, basement rec room with stone fireplace, 2-car garage, horse stable and stream, on 25 acres, $125,000.

Mattie area: 1½ story 3 BR 2½ bath custom built log home, central air and vac, loft and full basement, w/attached 2-car garage on 35 open and wooded acres with small stream, close I-70, $179,500.

Paul Plovish Real Estate
66 West Fifth Avenue
Everett, PA 15537
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Marlin H **Fields** *Real Estate*

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JUNIATA CO. OFFICE	**(717) 436-8839**
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R196 Juniata Co. - 31 Ac farmette, 17 ac til, 13 ac wood Call Rick
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L30 Juniata Co. - ½ Ac lot, Walker Twp Call Harold Ford
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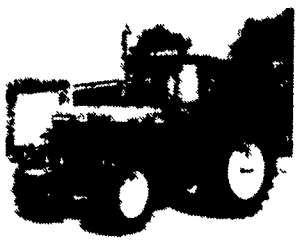

84 JD 4450, 140 HP, MFWD, C/A, 20.8Rx38, 3300 Hrs., 2 Rem., PS

$39,900

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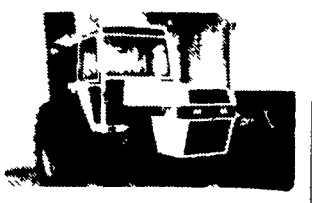
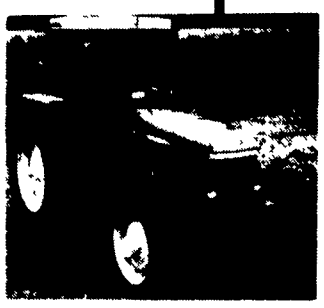
$19,500



80 JD 8440, 180 HP, 4WD, C/A, 18 4Rx38 (Duals), 2950 Hrs., (3 Rem , 16F/16R, PTO & 3 Pt.

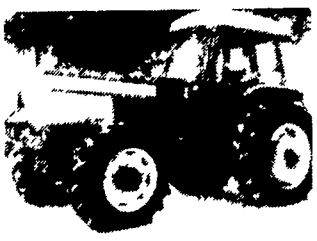
$29,900



82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18 4x38R, 3750 Hrs., 2 Rem , Hi-Lo

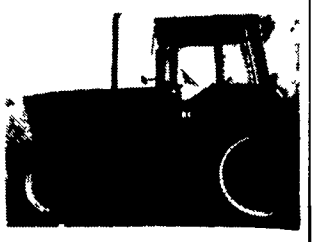
$18,500

85 JD 4250, 120 HP, MFWD, C/A, 18 4Rx38, 5500 Hrs., 2 Rem., PS	$39,900
83 JD 8450, 180 HP, 4WD, C/A, 23.1x34 (Duals), 4000 Hrs. (Only 300 On New Engine), 2 Rem., 16F/6R, 3 Pt., PTO & Quick Hitch	$38,900
80 JD 8640, 229 HP, 4WD, C/A, 18.4Rx38 (Duals) 3200 Hrs., 3 Rem., Quad., Tranny Just Rebuilt	$32,900
79 JD 8640, 225 HP, 4WD, C/A, 23.1x30 (Duals), 6940 Hrs., 2 Rem., 16F/6R, 3 Pt.	$27,900
81 JD 8440 (w/8450 Eng), 187 HP, 4WD, C/A, 20.8x38 (Duals), 7400 Hrs. (1000 Hrs. On 8450 Eng.), 2 Rem., 16F/6R, 3 Pt. & PTO	$24,900
84 JD 2750, 75 HP, 4WD, C/A, 15.5x38, 3000 Hrs., 2 Rem., Hi-Lo w/245 Loader	$24,900
80 JD 4440, 130 HP, 2WD, C/A, 20.8x38 (Duals), 12,500 Hrs. ("O" Hrs. Since Major O/H), 2 Rem., PS	$22,900
80 JD 2940 (3140), 85 HP, 4WD, C/A, 16.9Rx38, 2950 Hrs., 2 Rem, Stand. w/Leone Loader	$19,900
64 JD 2010, 47 HP, 2WD, 1 Rem., 14.9x28, 5200 Hrs., Synchro, Was $6,500 SAVE $2,000	NOW $4,500
81 Case 2090, 110 HP, 2WD, C/A, 20.8Rx38, 2600 Hrs., 2 Rem., PS	$13,500
84 IH 5288, 160 HP, MFWD, C/A, 20 8Rx38, 2900 Hrs., 2 Rem., 18F/6R	$30,900
79/80 IH 3588 (2+2), 150 HP, 4 WD, C/A, 20.8x38 (Duals) 3000 Hrs., 2 Rem., TA 16-Speed	$17,900
83 FD 8210, 95 HP, 4WD, C/A, 18.4Rx38, 2600 Hrs., 2 Rem.	$22,900
72 Oliver White Moline, A4T160, 270 HP, 4WD, Cab, 18.4x38 (Duals), 1500 Hrs., 2 Rem., Standard, Was $11,900, SAVE $2,400	NOW $9,500
78 Steiger Panther PT-350, 311 HP, 4 WD, C/A, 30.5x32 (Duals), 4700 Hrs., 4 Rem., Rebuilt AT 4200 Hrs: Engine, Tranny, Turbo, CyL, Clutch, Final Drives & More	$35,000
87 Mitsubishi 250 D, 22 HP, 4 WD, 650 Hrs., 11.2/10x24 (New) w/Woods Mower Was $8,500, Save $1,800	NOW $6,700
62 Cat 922A Loader, 80 HP, 4WD, 14.00x24, Was $12,500 Save $2,600	NOW $9,900
80 GMC Astro V892 13 Spd. Road Ranger, 26' Rollback Tri-Axle	$29,500
87 Mercedes, 30', Air Tag Axle	$23,900
Hainee Rockpicker Offset Drive, New Cyl., Large Rock Box, Hyd. Cyl. Dump	$8,000
Bomford 60" Side Mount Mower	$5,000
Bomford 72" Mid-Mount Mower	$2,950
77 IH 570 Spreader	$2,500
Snyder 300 Gal. Corn Sprayer	$1,500
Hay Conveyor	$1,500
85 Light Foot Grain Cleaner, Extra Screens, Hopper.	$1,500
5 Head Tiller, Used	$2,950
6' York Rake	$475



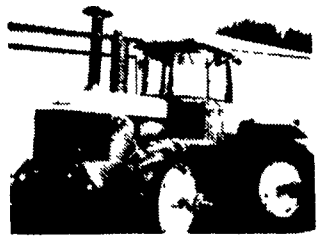
84 FD TW-25, 140 HP, 4 WD, C/A, 3200-Hrs., 18.4Rx38 DP, 2 Rem.

WAS $32,900
NOW $27,500
SAVE $5,400



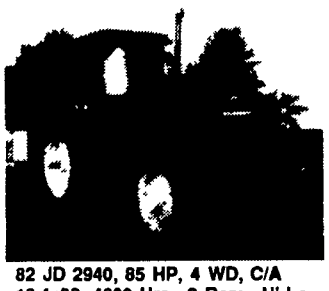
84 IH 5288, 160 HP, MFWD, C/A, 20.8Rx38, 2400 Hrs., 2 Rem., 18F/6R

$30,400



77 JD 8430, 180 HP, 4 WD, C/A 18 4x38 (Duals), 2400 Hrs., 3 Rem , Quad

$22,900

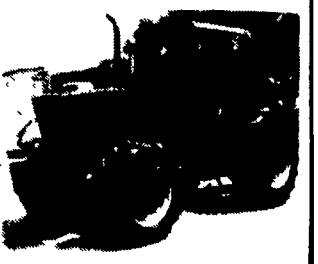


82 JD 2940, 85 HP, 4 WD, C/A 18.4x38, 4600 Hrs., 2 Rem., Hi-Lo

$14,900

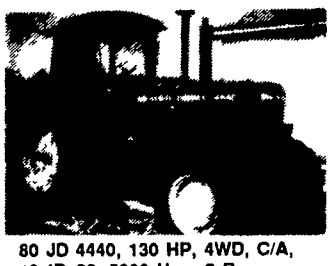
81 FD TW-30, 165 HP, 4 WD, C/A, 20.8Rx38, 3500 Hrs., 2 Rem., DP

$24,900



84 IH 5288, 160 HP, MFWD, C/A, 20.8x38 (Duals), 5000 Hrs., 2 Rem. 18F/6R

WAS $28,900
NOW $24,000
SAVE $4,900



80 JD 4440, 130 HP, 4WD, C/A, 18 4Rx38, 5000 Hrs., 2 Rem., Quad, Rebuilt Transmission

WAS $21,900
NOW $20,900
SAVE $1,000

73 JD 4430, 126 HP, 2 WD, C/A, 20 8x34 (Duals), 4400 Hrs., 2 Rem., Quad

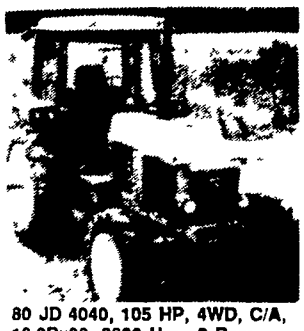
$14,900

81 FD TW-20, 128 HP, 4 WD, C/A, 18.4Rx38, 3600 Hrs., 2 Rem., DP

$21,900

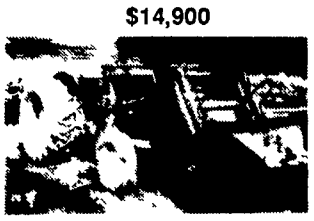
74 MF 1135, 120 HP, 2 WD, Cab, 20.8x38, 3611 Hrs., 2 Rem. Multi-Power

$8,800



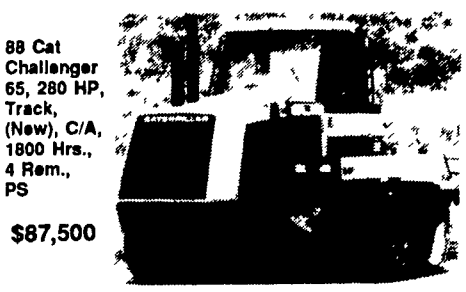
80 JD 4040, 105 HP, 4WD, C/A, 16.9Rx38, 3800 Hrs., 2 Rem., Quad

$18,900



79 JD 2240, 50 HP, 2WD, 1 Rem., 18.4x28, 4500 Hrs., 8F/4R, w/ 240 Quick-Tach Loader

$11,900



88 Cat Challenger 65, 280 HP, Track, (New), C/A, 1800 Hrs., 4 Rem., PS

$87,500

88 Cat Challenger 65, 280 HP, Track (70%), C/A, 2400 Hrs., 4 Rem., PS

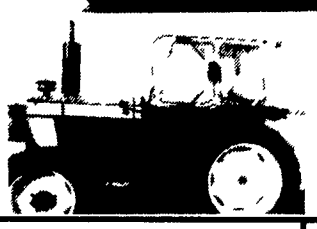
$79,900

80 JD 4240, 110 HP, 2WD, C/A 18 4Rx38, 3200 Hrs , 2 Rem , Quad

$18,900

72 FD 8000, 110 HP, 2 WD, Cab, 20.8Rx38, 1561 Hrs. (Since Major Engine Overhaul), 2 Rem., DP

$8,500



83 FD 7710, 86 HP, 4WD, Cab, 16.9Rx38, 2800 Hrs., 2 Rem, DP

$22,900

82 FD 6710, 72 HP, 2WD, C/A, 18.4Rx34, 2400 Hrs., 2 Rem., DP

$14,900

ROCK PICKERS
Reconditioned, Hopper-Type With Back & Bottom Dump
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NEW! TICO/FERBO HOSE REEL IRRIGATOR

available in many sizes to automatically irrigate from 20 to 200 acres. Quickly portable from area to area. Hose lengths from 400 to 1310 ft. Variable travel speed selection with automatic constant compensation provides uniform irrigation over entire length of pass.

TICO/FERBO AUTOMATIC HARD HOSE REELS

ACRES IRR/WK.	ACRES IRR/RUN	HOSE O.D	HOSE I.D.	IRRIGATED LENGTH	WIDTH	MODEL	PRICE
25	2.0	2"	1.6"	700'	180'	50-180	$5,250
50	4.0	2.5"	2.1"	820'	210'	63-250	$11,900
60	4.0	3.1"	2.8"	1150'	240'	75-320	$15,900
75	5.0	3.3"	2.9"	1100'	240'	82-300	$15,900
90	6.0	3.6"	3.0"	1130'	250'	90-350	$19,900
130	7.5	4.3"	3.7"	1130'	290'	110-350	$23,900
110	8.0	4.3"	3.7"	1290'	275'	110-400	$28,900
145	9.0	5.0"	4.0"	1140'	320'	125-350	$29,900
130	9.0	5.0"	3.9"	1450'	380'	125-450	$34,900

SEASONAL SPECIAL DEDUCT **15%** OFF ANY PRICE QUOTED OR RECEIVE A **FREE** PUMP WITH ANY HOSE REEL PURCHASE
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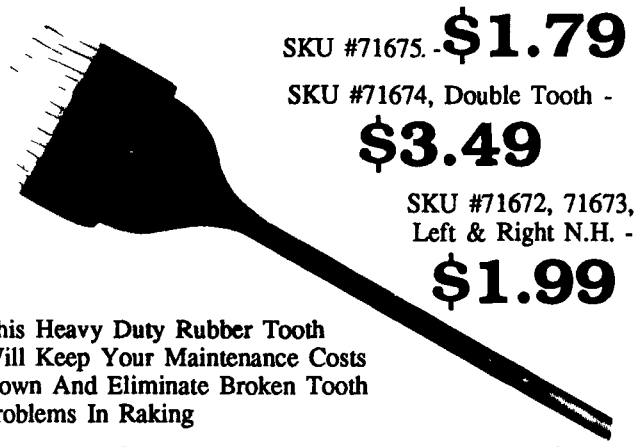

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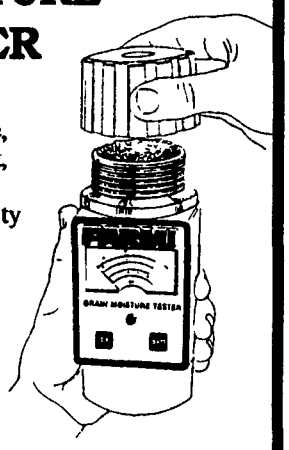
SKU #71674, Double Tooth - **$3.49**

SKU #71672, 71673, Left & Right N.H. - **$1.99**

This Heavy Duty Rubber Tooth Will Keep Your Maintenance Costs Down And Eliminate Broken Tooth Problems In Raking

FARMI 3000 GRAIN MOISTURE TESTER



Accurate, Compact, Instant, Heavy-Duty

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- Compact Design Fits In The Palm Of Your Hand.
- Interchangeable Face-Plates Give Direct Readouts For 14 Grains, Plus Hay & Silage

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Optional Hay & Silage Probe
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9 Ft.
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70979
NH 451-456,
9 Ft.
$47.99
Reg. $52.99

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NH 479-488,
9 Ft.
$67.99
Reg. $74.95

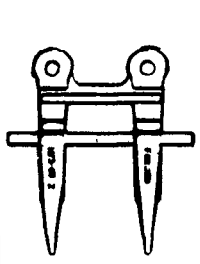
75203
NH 455-450,
7 Ft.
$44.99
Reg. $49.95

71273
JD 47-50-250-350,
7 Ft.
$56.95
Reg. $62.95

71253
NH 495-1495,
12 Ft.
$76.99
Reg. $84.95

71268
Hesston 1090,
9 Ft.
$56.95
Reg. $62.95

SICKLE GUARDS



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Reg. 6.99
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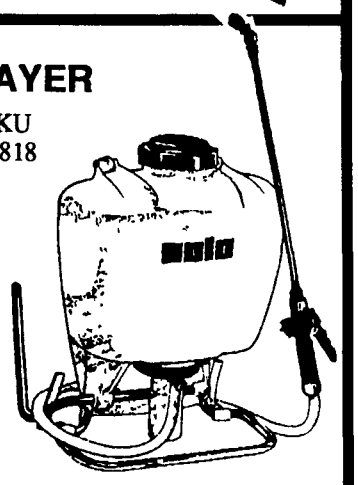

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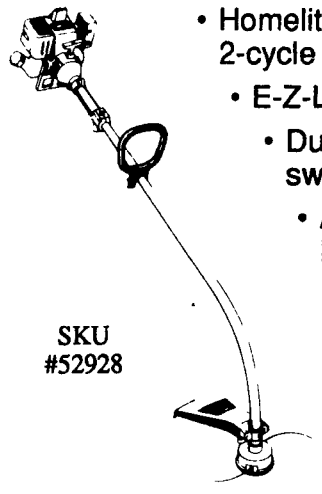
GAS POWERED STRING TRIMMERS

Model ST-145

- Homelite new design 25cc 2-cycle engine.
- E-Z-Line™ Advance System.
- Dual 15-inch cutting swath.
- Adjustable D-type handle.
- Optional comfort strap.
- Lightweight 9¾ lbs.



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Suggested Retail $99.99

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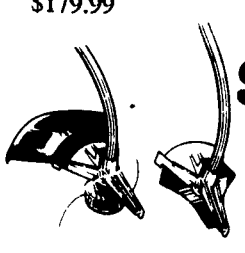
- Dual 17" Cut
- Bar Handle Includes Comfort Strap & Brush Blade

SKU #52936
Sugg. Retail $179.99



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#14 Size
15¼ "x19¾ " blade
27" Poly 'D' Handle 50165
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40" Long Handle Scoop
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The Original Locking Pliers

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7" VISE-GRIP PLIERS
With Wire Cutters

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10" VISE-GRIP PLIERS
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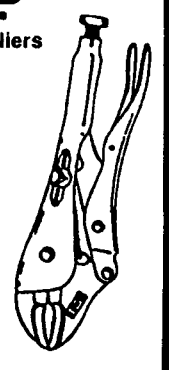

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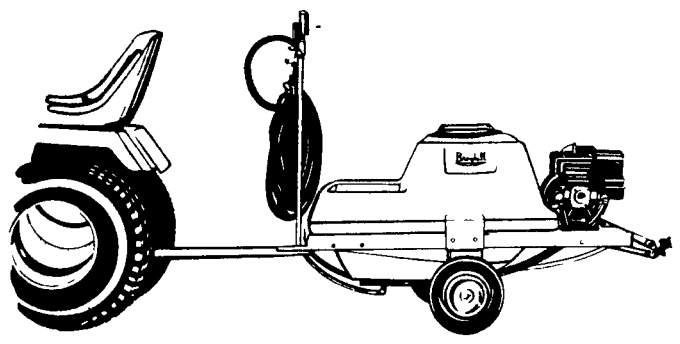

- 60 Gal., 3 HP B&S Engine, 4 Roller Pump w/Handgun - **$559**
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- 30 Gal., 12 Volt Electric, Less Handgun - **$319**

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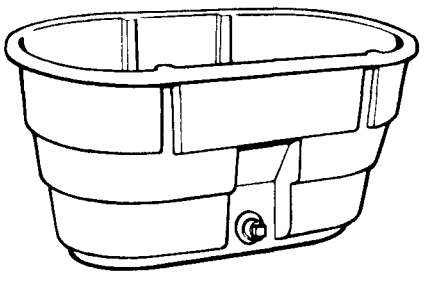
Rubbermaid® Agricultural Products

- SKU 70617, 50 Gal. **$54.99**
- SKU 70615, 100 Gal. **$69.99**
- SKU 70620, 150 Gal. **$99.99**
- SKU 70619, 300 Gal. **$154.95**



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100 gal.

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Brillion

MEETS THE CHALLENGE

Brillion Implements Keep Going When Others Quit!

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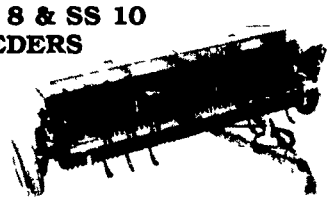

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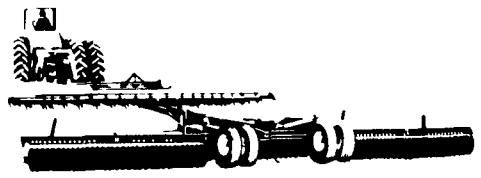
X-FOLD PULVIZERS

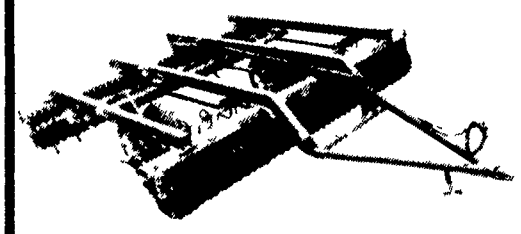


The X-Fold pulverizers are designed to meet the needs of today's larger acreage farmers and Brillion offers them in two models and 11 sizes from 19' through 46' Now available with 20" Ductile Rollers

SOIL BUILDERS

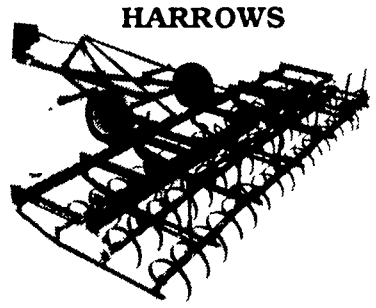
SUPER SOIL BUILDERS Expanded frame for residue flow-thru without plugging. Coulter gang can be hydraulically controlled to save maintenance dollars. 7-13 shank.

ML PULVI-MULCHERS



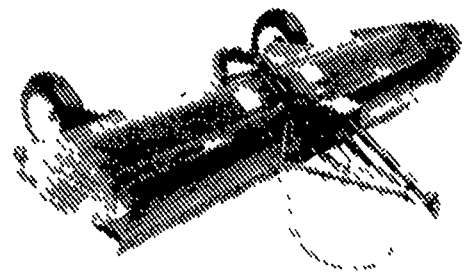
PULVI-MULCHERS Build a firm, cold-free seedbed — one that lets all the seeds germinate at one time. 12'6", 13'10", 15'2"

HARROWS



CART MOUNTED HARROWS. Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport. 16 ft., 20 & 24 ft.

FLAIL SHREDDER



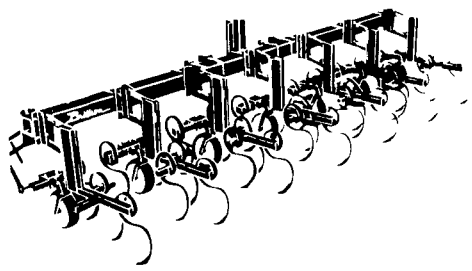
FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime Available in 12' and 15'.

SINGLE GANG PULVERIZERS

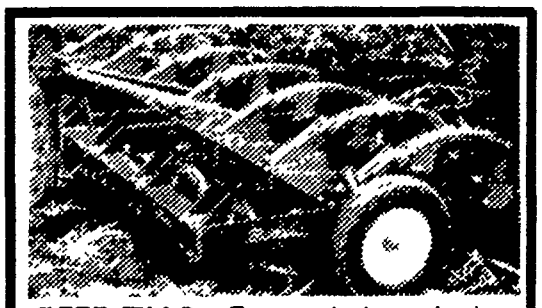
Also Available As Pull Type

NEW P10 SERIES TRANSPORT CONCEPT Brillion's transport concept is new to the industry. Machine weight is hydraulically rotated over the wheels for transport. This reduced drawbar hitch weight considerably and provides ample clearance for transporting. 10' to 16'.

RO-CROP CULTIVATORS



RO-CROP CULTIVATORS No-wobble parallel linkage Set it and forget it Folds flat for safe easy transport



DEEP TILLS - Featured above is the 7-shank model Deep-Till with the Category III hitch. This model is equipped with single individual trash cutting coulters and cuts a 17'6" width. It uses manual gauge wheels.

THANKS, DAIRY FARMERS!

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ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

Blair Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March, 1991
Rolling Herd Averages

Herd Owner	No. Cows	% Cow Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Dennis A Smith	76.6	85 5	23,566	894	724
Mike+Carol Hoover	101.6	89.6	22,465	817	722
Thomas W Kelly	81.2	87.4	23,286	838	722
Clover Will Farms	133.9	89.2	22,776	871	715
Over Lane Farms	102.8	89.2	21,865	839	694
PA Fair Valley Farm	79.0	89.0	21,093	797	685
Steven E Pheasant	45.5	96.9	21,033	815	683
Hilecrest Farm	244 0	88.5	20,954	793	679
Smith Hollow Farms	120.7	88.1	21,801	813	678
Emile Dilling	121 7	88.5	21,721	833	673
William-Susan Baker	101 3	88.2	21,348	821	670
Martin Stayduhar	52 9	87.2	21,683	772	668
Fred+Gary Bechtel	94.1	89.1	20,711	749	666
Sparkling Springs Farm	256.3	88.0	21,212	808	666
Marcove Farm	76.6	87.1	21,154	786	662
David Nancy Bishop	50.4	88 3	21,579	833	659
Kenneth + Debra Bush	49.0	85 0	20,611	744	654
Lar Ann Farm	161 0	86 3	20,637	798	654
Gor Da Farm	83 5	89.8	20,299	729	653
Jerry + Joan Bechtel	38 0	87 0	21,309	799	651

Lactation Report

Over Lane Farms						
394	GH	4-1	26,724	858	4.3	1157
387	GH	4-1	24,565	766		
Smith Hollow Farms						
391	GH	5-11	25 481	838	3.6	921
452	GH	4-8	25,158			
Stanley C Smith						
Anita	RH	5-6	25,837	824		
Myrna	RH	4-10	26,110	824	3.5	936
Rich Lou Farms						
551 Boni	RH	2-3	21,823		3.9	855
Clover Will Farms						
136	GH	3-6	28,182	844	3.6	1029
143	RH	3-7	26,820		3.5	958
G Wayne Smith						
Marian	RH	4-2	23,379	752		
Pleasant View Farm 3						
462	RH	4-6	22,656		3.8	878
476	RH	4-2	23,067	753	3.7	864
Mil-Ber Farms						
Anita	RH	4-3	22,756		3.9	890
Emile Dilling						
426	RH	5-4	23,995		3.5	860
Dennis A Smith						
Mickey	RH	5-4	26,916	795	4.1	1115
Angel	RH	4-10	20,475		4.5	928
102	RH	3-9	25,145		3.4	877
128	RH	3-0	29,507	876	3.3	993
Gerald Burket						
Bobbie	RH	6-2	25,466		3.4	874
Fred+Gary Bechtel						
Mae	RH	4-8	28,003	864	3.9	1108
William-Susan Baker						
645	RH	4-0	22,271		3.9	882
671	RH	3-8	26,680	799	3.8	1034
741	GH	3-0	21,287		4.2	911
Blackcrest Farms						
138	RH	7-1	25,591	781	3.8	991
Harold & Bernard Bailey						
115	RH	4-4	24,129	819		
Gerald Smith						
154 Y	GH	4-6	22,428		4.0	896
Jay Metzker						
Kim	RH	3-1	23,264		3 8	884
William R England						
826	GH	5-3	23,614		3 6	863
Bradley + James Baker						
642	RH	4-9	26,883	837	3 4	937
John Morrow						
157	RG	5-5	17,000		5.1	877
Lar Ann Farm						
Jody	RH	7-2	21,552		4.5	986
311	RH	4-0	22,118		4.9	1087
Thomas W Kelly						
Joyce	RH	7-7	24,659		3.4	860
Betts	RH	6-3	26,791	806	3.5	942
Berta	RH	6-0	26,654	853	3.6	973
Melva	RH	5-11	27,746	794		
Alexa	RH	3-2	26,270	820	3.2	863
Martina	RH	3-4	22,432	753		
Doris	RH	3-3	22,992		3.7	864
Blissa	RH	2-2	22,627		4.3	986
No-El Farm						
Andrea	GH	6-3	24,400		3.5	876
Joan	GH	3-1	25,445	751	3.4	887
Mark Slagenweit Jr						
Star	RH	4-4	23,642	788		
Mike + Carol Hoover						
186	GH	6-0	28,904	921	3.7	1086
Cindy	RH	5-2	32,664	1052	3.6	1204
Sprakling Springs Farm						
243	GH	8-8	22,022	789	4.3	952
409	GH	6-8	25,134		3.4	870
741	GH	3-0	24,478	777	3.7	923
Penn-England						
82	GH	3-4	22,032		4.1	920
548	RH	2-4	19,261		4 6	895
Leon Dell						
384	RH	5-4	24,596	803	3.5	874
Fidelity Holsteins						
Liz	RH	5-11	22,811	754	4 0	916
Lydia	RH	3-11	25,416	799	3.6	918
James Ellis						
Teresa	RH	6-11	19,157		4 6	892
David Nancy Bishop						
84	GH	4-11	19,708		4 4	884
96	GH	4-1	22,983		4.5	1038
113	GH	3-1	25,992		3.6	943
114	GH	3-1	20,937		4.2	892

(Turn to Page E4)

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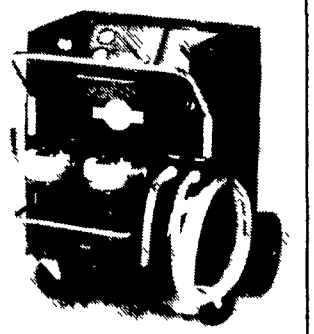

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Blair Co. DHIA

(Continued from Page E3)

Rodrick & Trudy Hinish						
21	GH	7-0	21,626		4.4	967
64	GH	4-3	23,740		3.7	886
W Dean Stern						
Wendy	RH	8-2	23,740		4.1	974
227	GH	3-8	24,486	764		
E F Smith Farm						
Comet 92	RH	4-3	22,453		3.8	859
Jerry + Joan Bechtel						
5824	RH	2-9	23,279		4.3	1015
D E Hileman Farms						
61	GH	3-11	25,530	859		
Hilecrest Farm						
236	RH	5-9	23,245	760		
307	RH	3-11	22,944		4.1	962
208	RH	3-1	24,480	830	3.8	933
104	RH	2-9	25,412	843	3.6	927
Martin Stayduhar						
28	GH	3-1	22,771		3.7	861
1	GH	2-11	21,109		4.3	924
James + Debra Byler						
104	RH	5-1	21,817	764		
Jam	RH	4-4	25,189		3.3	850

Wyoming County DHIA
March, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Insinga Holsteins	3	73.5	88.5	20,497	776	662
Tom Sands	3	60.3	90.2	20,202	763	654
Richard Place	3	60.7	89.6	20,388	753	645
Stowell Farms	B3	13.7	89.6	21,171	705	640
R+W Kuzma Farm	B3	52.6	88.2	19,596	665	630
Da Vue Holsteins	3	44.2	88.4	19,757	728	629
Wayne-Roger Sherwood	3	63.2	89.7	18,575	709	602
William Dudock Jr	B3	59.7	83.9	18,024	573	587
Stowell Farms	B9	15.7	86.2	18,442	659	582
Roger S Williams	B3	49.2	90.6	17,187	685	580
Arrowhead Farm	3	32.2	87.6	17,414	647	579

SUSQUEHANNA CO. DHIA
March 1991
Lactation Report

Barn Name	Breed	Age When Fresh	Days Milked	Lbs. Milk	Lbs. Fat
Longacre Farm					
Christy	RH	8-08	305	22,935	945
Donna	RH	5-01	305	25,041	909
Melinda	RH	4-05	305	22,772	864
Francis Hibbard & Sons					
743	RH	7-09	305	20,507	862
173	RH	3-09	297	21,085	851
Daryl Button					
62	GH	5-01	305	24,689	865
Conboy Bros.					
May	GH	4-02	305	23,422	885
Robert Fearnley					
Clem	RH	10-07	305	26,429	853
Reuben Everitt					
Sarah	RH	6-04	305	22,103	921
Andrew Hubal					
Vivian	RH	4-09	305	22,684	877
Sandy	RH	3-02	305	24,223	880
Charles Clark					
19	GH	7-07	305	27,019	1021
James Wetter					
Fluffy	GH	8-08	305	26,018	971
Lisa	RH	10-04	305	23,464	860
Goer	RH	5-06	305	27,875	888
R Blaine Detwiler					
Squirt	GH	5-11	305	24,834	877
Country Heaven Farms					
Hazel	GH	6-08	305	26,945	957
John Castrogiovanni					
Laurel	RH	8-02	305	23,252	1046
Shirley	RH	7-05	305	28,219	1024
Cameo	RH	7-02	305	24,823	898
Sasha	RH	5-08	305	26,843	984
Thomas Traver					
Neddie	RH	3-11	305	29,600	956

SULLIVAN CO. DHIA
March 1991
Rolling Herd Averages

Name	Breed	No. Cows	% Days In Milk	Lbs. Milk	Lbs. Protein	Lbs. Fat
Richard Higley	3	85.5	87.0	23,211	758	809
D&D Hottenstein	3	66.6	87.5	22,940	748	848
Raymond Norconk	3	41.6	88.4	22,028	693	760
Ronald Hembury	3	100.9	89.7	20,830	677	766
Mount-Top-Vue Farm	B3	66.9	86.4	20,310	659	736
William B Hart	B3	113.6	88.3	18,156	600	726
Lambert Farms, Inc.	B3	178.8	91.2	18,345	595	666
Warburton Farms	B3	110.3	86.0	18,435	587	672
Car & Stanton	B3	57.0	88.5	18,412	576	658

Completed Lactations

Richard Higley						
BettLou	3	02/03	305	22,659	786	919
Ronald Hembury						
Nancy	3	07/01	305	23,078	772	1004
Raymond Norconk						
Laura	3	08/05	305	23,537	766	870
Wonder	3	04/11	277	23,918	750	895
William B Hart						
151	3	07/03	305	23,872	746	878

Columbia County DHIA
April, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Jan Jurbala	3	31.4	86.5	23,056	885	831
Richard Kriebel	B3	60.8	90.2	22,528	767	747
J Robert Book	B3	61.3	89.7	22,944	805	717
Barry D Wise	B3	47.2	94.5	21,448	783	704
Hunter Crest Farm	3	63.5	86.3	20,028	732	675
John W Turofski	G3	35.2	88.7	20,796	786	665
Carl R Stackhouse	G3	45.4	88.8	20,079	687	657
Shultz Bros	3	62.0	91.7	19,500	762	656
Duane E Shuman	B3	35.3	90.5	19,456	694	651
Valley Stream Farm	B3	68.4	87.0	20,478	742	649
Lyons Den Dairy	B3	139.7	85.6	19,712	660	645
James L Kline	B3	26.6	89.2	19,024	659	601
Richard Yule	3	46.6	86.8	17,598	695	576
Craig Fester	B3	35.2	93.6	16,982	633	570

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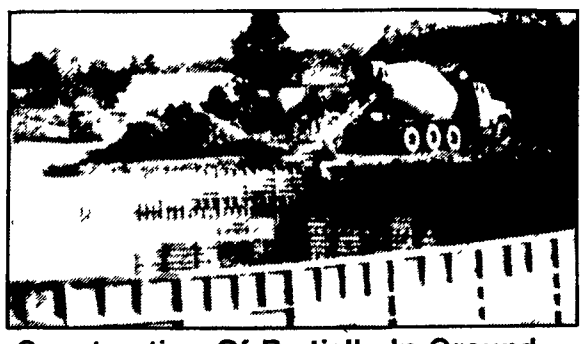

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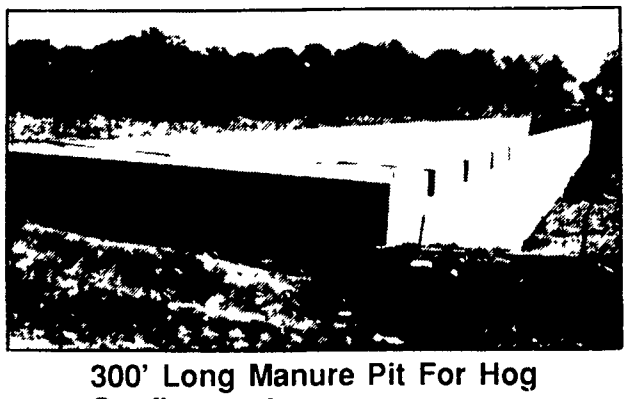
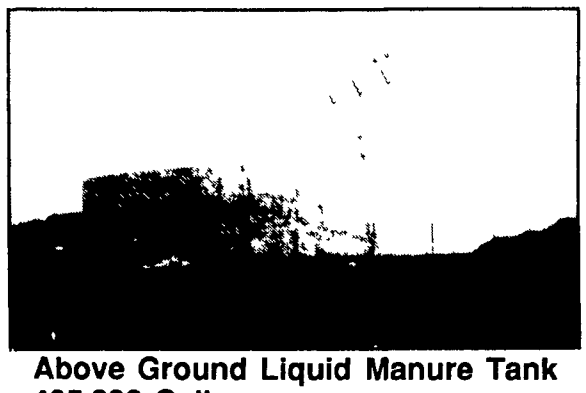
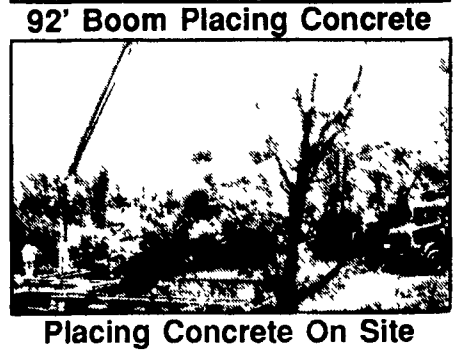


300' Long Manure Pit For Hog Confinement



Above Ground Liquid Manure Tank 425,000 Gallons



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New Prices For New York

On May 2 the New York legisature passed, and Governor Cuomo signed, a bill amending the Agriculture and Markets Law (the Rogers-Allen Act) allowing the New York commissioner of agriculture to set an interim price that licensed handlers pay for milk produced in New York.

Five days later the commissioner announced the minimum prices of $13.85 for Class I milk and $10.30 for Classes II and III, starting June 1 in New York state.

These are interim prices good for up to 180 days. Beyond that, the commissioner is expected to set prices for one year, from testimony presented at 12 days of hearings held in April.

These would have to be approved in a referendum by two thirds of the producers. Announcement of these prices is expected in June.

The legislation also provides for a fast track schedule of no more than 100 days to change the prices when petitioned by an organization representing 35 percent of the producers in the market to be covered by the order.

Handlers buying milk in New York and marketing it in other states, as well as New York handlers buying milk out of state and selling it in New York, are expected to pay compensatory payments to the New York "pool" which will distribute the money to the New York producers. There may be competitive credits for handlers of Class II and III milk selling products in out-of-state markets.

Finally there will be a maximum margin of 200 percent of the fluid milk price from the farm to the retail sale.

Bottom Line

If all goes well, the New York commissioner said he expects the price to New York producers to be increased by 80 cents.

The June Class I price for Order 2 at the 201- to 210-mile zone will be $12.46, but in New York state it will be $13.85 or $1.39 higher.

Considering a 40 percent Class I utilization and Class II and III prices about 16 cents over the Order 2 minimum, the blend price to farmers should come close to that. The bigger question is, how much of this 75- or 80-cent increase will be "new" money from handlers, added to present over order premiums, and how much will come from handler premiums already being paid to producers?

The spread between the Federal Order minimums and the emergency interim prices will narrow, if the market prices increase as expected through the summer and fall months.

The average over-order difference would be lower as market prices increase. However, as mentioned earlier, hearings have already been held for additional changes in the interim price that may be announced in June that can extend for one year.

The effect on Pennsylvania producers shipping milk into New York markets will depend on premiums paid by handlers and the success of RCMA in collecting the difference for its out of state members.

The ripple effect on action in states bordering New York — such as Vermont, Massachusetts and New Jersey — will also a make difference.

The Pennsylvania Milk Marketing Board held a hearing May 9 on the present $1.35 over order price on Class I milk and a decision is expected soon.

Credit Due

It took a lot of effort from many cooperatives, organizations and individuals to get the changes in the law that allowed the action of the New York commissioner to change producer prices, but the process was helped considerably by the existence of RCMA.

It not only provided much of the leadership but, by forming RCBA, also provided the necessary 35 percent of the producers in the market to make an application and have a hearing as required by the law.

The original purpose of RCMA was to get over order premiums for producers without the need for new legislation. That failed because of a reluctant minority but it still provides an important role in representing its members, both cooperative and independent, as the legislative road to price improvement is travelled more often and seems to be the way of the future.

Good News

Last month I said it appeared that milk prices had bottomed out and would start their seasonal rise earlier than usual this year. The key was milk production and cheese prices and this month we have good signs from both.

Nothing spectacular and maybe not a trend, but they're looking better.

The Minnesota Wisconsin Price Series made its first monthly increase in April, since July 1990. It went up only 2 cents to $10.04, but for April that's a good sign.

Even better was an increase in both barrel and block cheese prices at the National Cheese Exchange on May 10. Again, it was only 1 cent, but the week before, barrels increased 1.5 cents a pound and that was the first improvement since prices fell to support levels six months ago. Besides, 1 cent on cheese is worth 10 cents on milk and this year we're counting pennies.

In any case, it looks good, coming now in the spring. And with lower cow numbers this year, even the grass may not bring on a flush.

Federal Order Changes

All the amendments to Federal Orders 1, 2 and 4 that became effective in April, will show up in your milk check this month.

These include three classes of milk with three different prices in all three Orders, and for Order 2, additional changes in transportation differentials and a lower Class I differential.

There will also be a suspension of the Louisville Plan payment that will be worth 30 cents to Order 2 shippers. This will make the most significant difference in the blend price for most producers.

The Class I price in Order 2 will be $12.46 for April or 25 cents lower than March. Half of that came from the lower Class I differential and half from a drop in the Minnesota-Wisconsin Price from January to February.

The "new" Class II price for "soft" dairy products will be $10 or 5 cents more than the "old" Class II price that included butter, powder and hard cheese.

The new Class III price will be $9.95 or what the former Class II price would have been. Transportation differentials will be higher for farms within the 201- to 210-mile zone and lower for those beyond.

Changes in product identification and classification will also make a difference. Also, April is

(Turn to Page E6)

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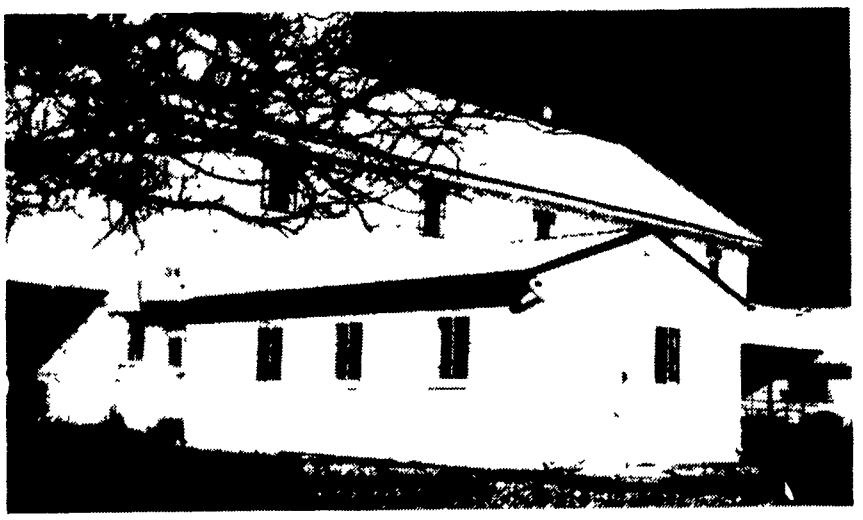

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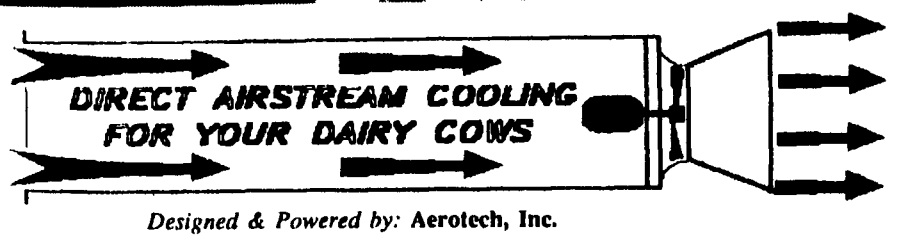

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Rural Development Conferences To Be Held

HARRISBURG, Dauphin Co. — Gov. Robert P. Casey on Wednesday announced four statewide conferences are to be held this summer to bring together rural leaders, community officials, citizens and state government to coordinate strategies and build support for a comprehensive rural development policy.

"The goal of these meetings is to establish partnerships between state government and rural community leaders," said Dr. Helen Wise, deputy chief-of-staff to Gov. Casey. "To improve the quality of life in rural Pennsylvania, we need to coordinate our efforts and design a unified strategy for the future."

The conferences, to be funded by a grant from the Appalachian Regional Commission, will focus on four key issues: rural growth and development, health care, education, and economic development. They will also address recommendations made by Gov. Casey's Rural Policy Development Team, a public-private partnership established to provide a formal link between rural community leaders and state government.

Each session will run from 8:30 a.m. to 1 p.m. and include a keynote speaker, a message from Gov. Casey, a question-and-answer period, and small group discussions. All sessions are free and open to the public.

• Rural growth and development will be the focus of the first conference on Friday, July 12 in Monroe County. State Secretary of Community Affairs, Karen Miller, will be the keynote speaker. For more information, contact Ned Dempsey, regional director, Department of Community Affairs, at (717) 963-4571.

• Strengthening rural health care in the 1990s will be the subject of a second conference in Warren County on Friday, July 19. Alvin B. Grant, director of the Office of Rural Health, Illinois Department of Health, will give the keynote address. For more information, contact Warren County Commissioner Pat Evans, a member of the Rural Policy Team, (814) 723-7550.

• A third conference, focusing on rural education, will be held at Mansfield University on Friday, August 2. State Secretary of Education Donald Carroll will be the keynote speaker. For more information, contact Prof. J. Dennis Murray, research coordinator for the Rural Service Institute at Mansfield University and a member of the Rural Policy Team, at (717) 662-4974.

• Revitalizing Pennsylvania's rural economy will be the focus of the final conference on Friday, August 9 in Fayette County. Leading the session will be Dr. Stephen M. Smith, associate professor, Department of Agricultural Economics and Rural Sociology, Penn State University, and Dr. Bernard Hoffnar, president, PA Association of Resource Conservation and Development Councils. For more information, contact Fred Lebder, chairman of the Fayette County Commissioners and a member of the Economic Development Partnership Board, at (412) 430-1201.

To further encourage partnerships with state government, members of Gov. Casey's Cabinet next month will participate in a rural affairs conference sponsored by the Susquehanna Economic Development Association - Council of Governments (SEDA-COG). From June 23-25, SEDA-COB will sponsor "Shaping the Future in Central Pennsylvania," a three-day conference at Bucknell University designed to develop a regional perspective on critical issues such as economic development, environment, education and societal change.

C.J. Wonsidler Bros. Becomes Top Dealer

NORCROSS, Ga. — Charles and Ruth Wonsidler, owners of C.J. Wonsidler Bros., recently earned a five-day, all-expense-paid trip to Laguna Beach, California. Wonsidler was awarded the trip after being named one of Deutz-Allis Corp's Top 10 Dollar Volume Sales Leaders for 1990.

C.J. Wonsidler was one of 700 Deutz-Allis dealers from the U.S. and Canada that participated in the promotion. The incentive program, "Let Loose in Laguna," ran from Jan. 1 to Dec. 31, 1990.

A Deutz-Allis dealer for the past 22 years, Wonsidler Bros. is located at 1975 Trumbauersville Rd. in Quakertown. The store also has locations in Oley and New Tripoli.

MILK CHECK

(Continued from Page E5)

the first month under the amended orders.

Final Figure

Putting all that together spells a uniform or blend price for Order 2 for 3.5 percent fat milk at the 201- to 210-mile zone of $10.81 for April milk.

That's 9 cents less than March and $1.64 less than last year without the 30-cent payment for the Louisville Plan.

For the first month under the amendments to Order 2, with nearly the same volume of milk as last April, there was a 38.9 percent Class I utilization; 18.2 percent Class II and 42.9 percent Class III. Last year it was 38 percent Class I and 62 percent Class II.

For this month at least, it would appear that you may be a little ahead with the new classification and you did get 5 cents more for the 174 million pounds in Class II, most of which would have been in Class III.

It was expected that with all the changes in Order 2 that the new Order would be essentially "revenue neutral" when compared to the previous Order, but that may not be true for individual producers.

The changes in the transportation differentials will probably have the most immediate impact, with producers inside the 201- to 210-mile zone showing the most improvement and those beyond the least.

While the M-W price is up a little and cheese and powder prices are showing some activity, don't expect much change in your milk check next month.

We already know that the Class I and II prices will be nearly the same in May as they were in April. The M-W may continue to go up, but the increase will be small and won't be reflected in your milk check through Class I and II prices until July.

So, while the market looks firmer, all the cost cutting practices you can use will be needed into the foreseeable future and beyond for survival.

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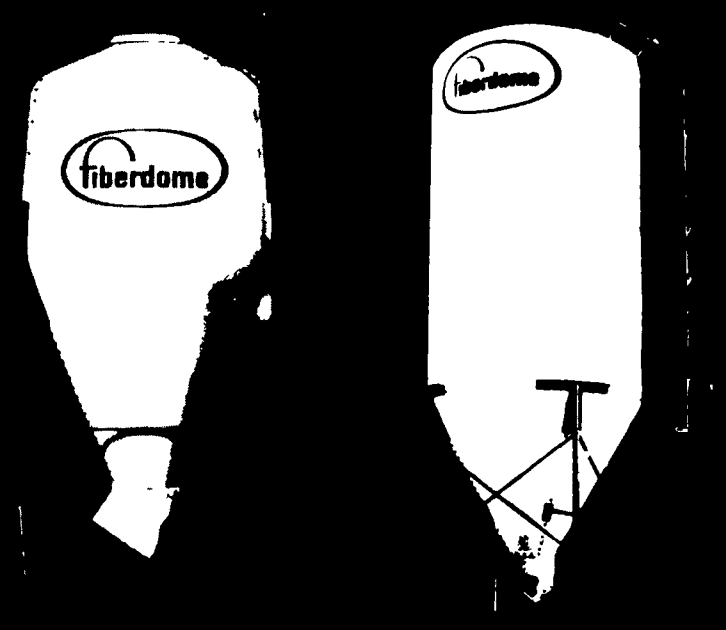

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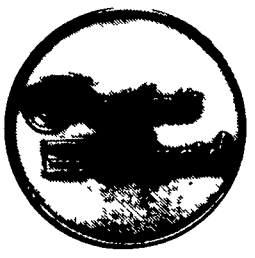

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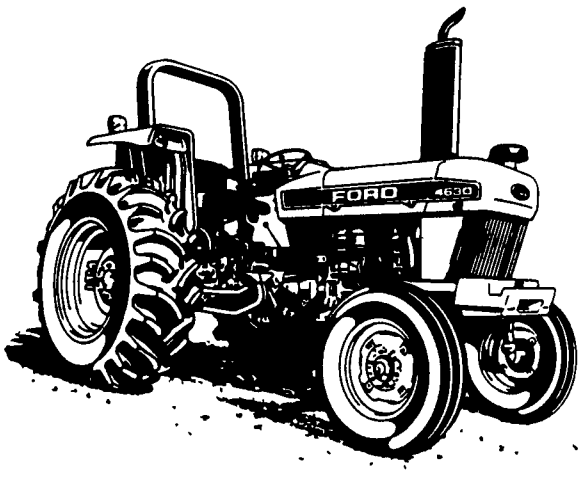

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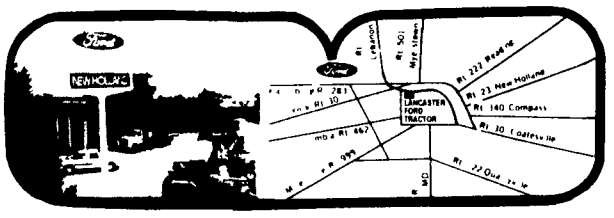

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Milk Carton Panels Deliver Message

TOWSON, Md. — Most people know that milk strengthens bones, but do they know that drinking milk can also rattle their bones, too?

Starting in May and running throughout the summer, more than seven million milk carton side panels will offer milk drinkers big discounts on admission to area amusement parks as part of the Middle Atlantic Milk Marketing Association's year-long side panel program created to increase milk sales.

By redeeming the special side panels and REAL Seals, milk drinkers can take advantage of this money-saving offer at Hershey Park in Hershey; Great Adventure in Jackson, N.J.; and to Wild World in suburban Washington, D.C.

Hershey Park, Great Adventure and Wild World draw a combined attendance of more than 5 million annually — sure to make this offer a popular one and to give consumers another reason to buy more milk. The best part about the side panel program is that it enhances milk sales at little or no cost to the Mid-Atlantic dairy farmers.

As the licensing agent for the REAL seal in the Middle-Atlantic area, MAMMA must continue to provide an incentive to those dairies who use the REAL seal on their products through offers like this.

These special side panels also offer a challenge to those dairies who do not use the REAL seal to ask themselves, "why not?"

Heritage Dairy of Thorofare, N.J., has just become licensed to use the REAL Seal on their packaging. According to company president Jack Heritage, the reason he is adding the REAL Seal is so that he may take advantage of MAMMA's Great Adventure side panel.

Also, the side panel offers make consumers aware of the REAL seal and provides an incentive for them to purchase those products carrying the REAL seal so they may redeem them on money-saving discounts at little or no cost to the Mid-Atlantic dairy farmers.

Participating dairies in Pennsylvania are: Kreider Farms, Longacre Modern Dairy, Rutter's, Crowley, Clover Farms, High's, Wengert's, Rosenbergers, Oregon Dairy, and Landhope.

In Maryland are: Giant Food, Dairy Maid, Safeway, Greensprjng, and Stop, Shop; in Virginia is Shenandoah's Pride.

In New Jersey are: Heritage Dairy and Cumberland Dairy.

The Middle Atlantic Milk Marketing Association is the dairy farmer funded advertising and promotions agency for milk and dairy products for its members in Pennsylvania, Maryland, New Jersey, Delaware, Virginia and West Virginia.

This logo for Hershey Park, and others offering discounts for Great Adventure and Wild World are to soon be seen on side panels of more than seven million milk cartons from a number of dairies within the Federal Order 4 milk marketing area. The promotions for discounts are expected to also promote milk sales, as part of program from Middle Atlantic Milk Marketing Association (F.O.4). The entertainment parks draw a combine attendance of more than five million each year.

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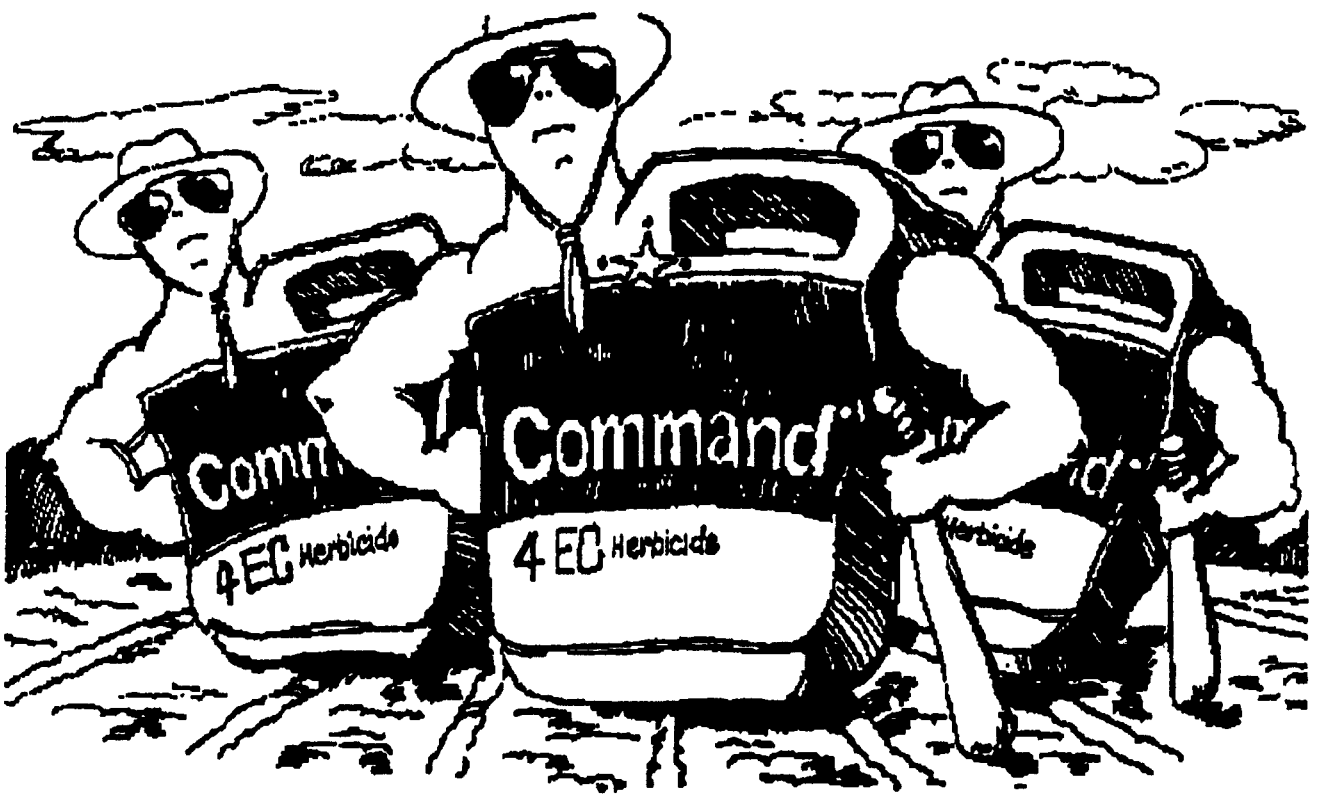

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Junior Broiler Contest Sees Record Gain

NEWARK, Del. — The annual Delaware Junior Broiler Contest marked its 41st year with 52 participants and 45 completed entries from youths across the state.

Dan Palmer, University of Delaware Cooperative Extension poultry specialist and coordinator of the program, said the contest encourages young people to learn how to grow broilers.

He noted that this year's top entry had an average weight of 6 pounds, representing a phenomenal one-pound-per-week gain.

First place went to Kevin Evans, Bridgeville. He received a cash award of $50 in addition to a $50 savings bond and a bonus award of $15 for the heaviest entry. His seven birds weighed 42 pounds.

Karen Hudson, Harrington, took second place with her entry, for an award of $45. Wendy Webb, Greenwood, Del., netted third place with an award of $35. Fourth place went to Sam Dixon, Clayton, for a $25 award.

The Junior Broiler program, sponsored by Delaware Cooperative Extension and the Delmarva Poultry Improvement Association, is open to 4-H'ers, FFA members, and Junior Grange members. Boys and girls from 8 to 19 years old grow flocks of 50 chicks to market weight in 42 days. They must manage the flocks, keep accurate records, and buy feed for the chicks.

The contestants look for uniformity in size and conformation in selecting seven live broilers from their flock. The live birds are weighed in and prepared for inspection by Industry judges.

Produce Vigorous Poults Through Breeder Management

Lynn G. Bagley, Ph.D.
Director of Research
And Development
Hybrid Turkeys, Inc.

Editor's note: This was presented at the Pennsylvania Turkey Conference, March 20, 1991.

Breeder management can be broken down into three areas. The first area is brooding. Brooding usually involves the first six to eight weeks of the turkey's life. The second area is growing and conditioning. This takes the breeder up to the age of lighting, which is usually around 29-30 weeks of age. The last area of breeder management is the egg or semen production period. This period starts at the time of photostimulation and ends at the time the breeders go to market.

The performance of a breeder flock can be affected at any age by mismanagement. Actually the management of a breeder flock begins before the poults arrive at the farm. The barn should be thoroughly cleaned, washed, and disinfected before the poults arrive. Brooder rings should be already set up and the barn should be ready to receive poults. It is extremely important that the farm manager is prepared for the poults to arrive.

Conditioning of the breeders start at an early age. At Hybrid we put roosts in the brooder barns as early as three weeks of age. Roosts help the breeder to get the proper exercise thoughout their life. We believe a "fit" breeder is the key to success in egg production.

Another essential item for a breeder manager to remember is to reduce the amount of stress the breeder gets at any age, but especially the poults. The effects of stress are too often forgotten as they have a cumulative effect on the breeder. In other words, today's breeder seems to be less forgiving of mismanagement.

The growout and conditioning period requires the manager to always pay attention to details. Litter, ventilation, density, lighting programs and feeding programs are vital for the manager to manage properly. Selection usually occurs during this time. Effective selection pressure on males can improve the market weight of the commercial progeny by several pounds. Healthy males will also provide good, viable semen. Viable semen contributes to a healthy vigorous poults.

Another important part of the growout and conditioning period is the darkout time. The length of the darkout period has to be long enough to provide time to complete new feather growth. We at Hybrid Turkeys feel that this is a mimium of 12 full weeks.

Biosecurity is the key to any breeding program. All breeder manager should have a biosecurity program in place that will protect the breeders that he manages. Showers should be an essential part of any breeder biosecurity program. Biosecurity in a breeder flock is a lot like going to heaven — nothing you do will guarantee 100 percent success, but if you work to put the odds in your favor, you'll like the results.

Body weight and age at photostimulation will affect the performance of the breeder. A breeder manager should consult the management guide from his breeder source to determine what is recommended. Research at Hybrid suggests that hens photostimulated at 30 weeks yielded the most poults per hen at 15 weeks of egg production compared to sisters photostimulated at 28, 32, and 34 weeks of age.

Hatch time can affect poult quality and hatch time is affected by breed and stage of production of the breeder flock, among other things. For example, there could be as much as 6 to 8 hours difference in hatch time between breeds. There is a tremendous amount of stress to the poult when it is overheated in the hatcher. These stressed poults are usually the ones that flip on their backs and are too weak to right themselves. Research measuring blood glucose is showing that this is a good measure of the poults reaction to stress. The stage of production and hatching process will greatly influence the quality of the poult.

Breeder management starts early and doesn't end until the birds goes to market. It is quite an involved process which can't all be covered in this paper. The challenges are great with today's turkey breeder, but the opportunities and results are well worth the efforts.

Overlooking Disorders Can Be Costly

DEKALB, Ill. — Corn growers often overlook minor seedling diseases and disorders early in the season. That oversight could cost farmers yields and profits, said Tim Wolf, regional agronomist for DEKALB Plant Genetics.

Some diseases are not yield-threatening and disappear as corn plants continue to grow. Other diseases explode under favorable conditions and can decimate stands and weaken surviving plants.

"For that reason, diseases and disorders detected during any field scouting trip should be identified and evaluated for damage potential," said Wolf.

If seedlings are spotted, striped or dead, one or more foliar diseases could be responsible, he said. Farmers can get help identifying a disease from an extension agent or a seed company agronomist. The best source, however, is a diagnostic lab, the agronomist said.

Seedlings are subject to other problems, too. "Stresses can be induced by inadequate or excessive fertility, improper or excessive application of insecticides or herbicides, and insects or mechanical damage from wind or implements," Wolf said.

When leaves roll or twist together into "onion leaf" or "buggy whip," a herbicide reaction is the first thing to investigate, he said. But calcium deficiency or sharply alternating hot and cool air temperatures can cause very similar symptoms.

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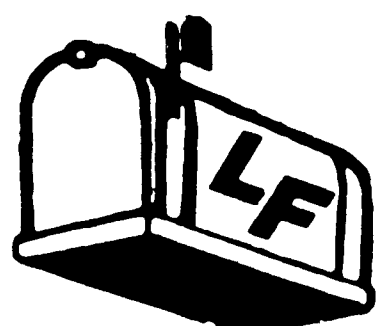

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17	5.78	11.56	14.28
18	6.12	12.24	15.12
19	6.46	12.92	15.96
20	6.80	13.60	16.80

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(Phone Numbers Count As One Word)

Pennsylvania Dairy Fact Sheet

- Pennsylvania ranks fifth in the nation in milk production, producing 6.9 percent of the nation's milk supply.

- The number of commercial dairy farms (10 or more milk cows) is estimated at 13,200.

- Pennsylvania's milk production for last year was 10 billion pounds. The average milk production per cow was 14,324 pounds which is an increase of 92 pounds from 1988.

- The number of milk cows in the Commonwealth averaged 698,000 head last year, 19,000 less than 1988. Although the number of cows has dropped, milk production per cow continues to increase.

- Pennsylvania's plants manufactured 73.6 million gallons of ice cream making it second nationally to California which holds first place with 107.8 million gallons.

- Nationally, Pennsylvania was fourth in butter production with 67.2 million pounds and was fifth in total cheese production with 220.6 million pounds.

- Counties with over 50,000 head of cattle (beef and dairy) are listed in order of ranking: Lancaster, Bradford, Franklin, Chester, York, Bedford, Lebanon and Cumberland.

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TRACTORS: Int 684, 1700 hrs, Cub Lo-Boy w/belly mower, 560 w/loader, Int. 1456, 1086 cab, 1600 hrs; 966 cab; 966; 886 cab, 1900 hrs; 826; 784 w/loader; 684; 674; 666; 584; 364, 350, JD 4020; 4010; 3010 FORD 800; 640, 9N. WHITE 2-150 w/cab OLIVER 88. AC XP190 CASE 1070 w/cab FORD CL40 skid steer. JD 70 skid steer; JD 350 dozer, Toyota forklift
EQUIPMENT: Balers: NH 310, 282, 273, 269, JD 336, MF 12.
ROUND BALER: NH 851, 847, JD 410
HAYBINES: (2) NY 489, 477, 488, NI 507, IH 1190, Hesston 1014; IH 990, Grimm Tedder.
COMBINES: JD 6600, (2) 4400, 3300, MF 750, 410, IH 205; Gleaner K
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'79 JD 6620 side hill, 2,500 hrs., excellent condition
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MF 300 combine w/platform
AC L combine w/4RW corn head & platform, $10,000
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(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, Low profile, exec.

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JD 9400 maximizer
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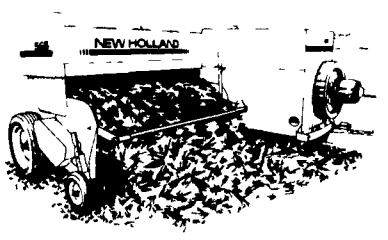

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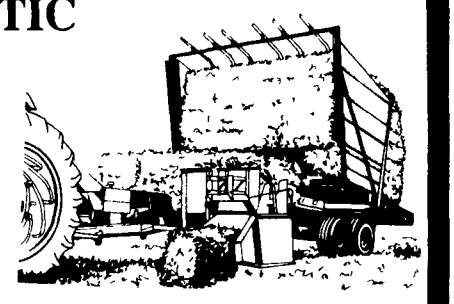
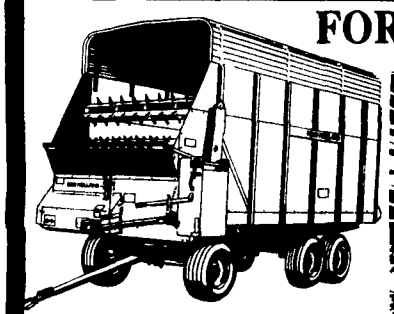


FORAGE EQUIPMENT



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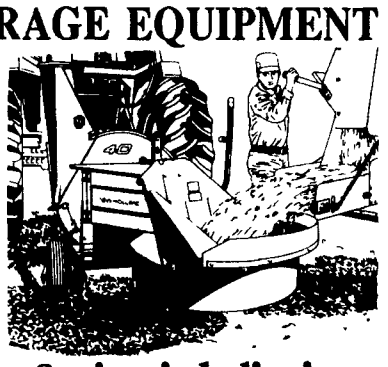

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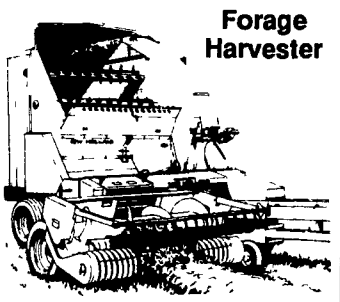

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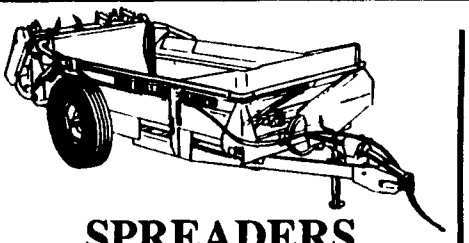
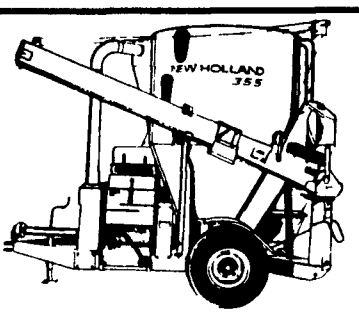


SPREADERS



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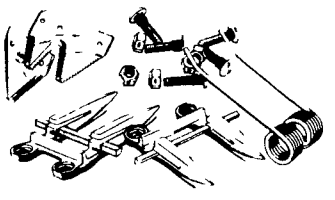

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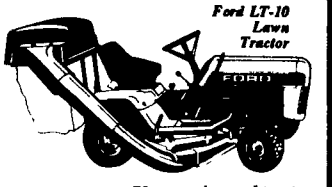

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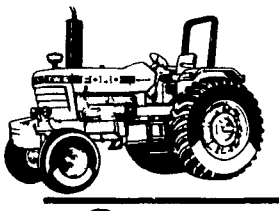

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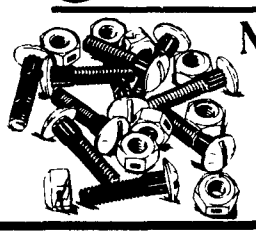

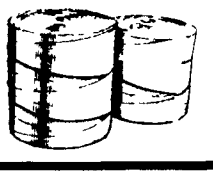

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Gleaner M2 Combine, 13' grain head

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IH 430 Baler w/thrower
IH 400 Air planter, 4RW, no till
IH 350 10' Disk
IH 540 Spreader
IH 510 DD Drill
NH 27 Blower
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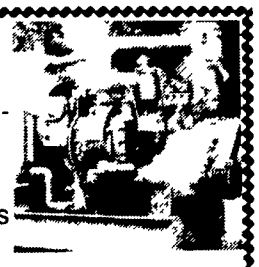

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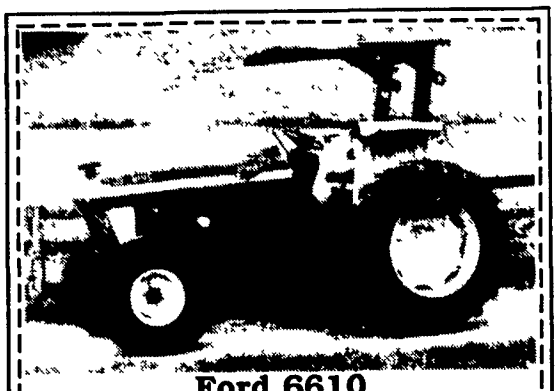

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NH 850 round baler w/auto wrap
NH 270 baler w/thrower, nice $1500
NH 269 baler w/thrower, good
JD 24T baler w/30 thrower, good $1675
JD 24T baler w/bale chute
JD 336 baler w/30 thrower, nice
NH 320 baler w/thrower, nice
AC 303 baler w/bale chute, good
NH 273 w/bale chute
NH 488 haybine, good rolls, good condition
IH 1190 haybine, nice $2650
NH 54A bale thrower, nice

150 BALERS FOR PARTS
HAYBINES FOR PARTS

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MISCELLANEOUS
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White 5400 4R corn planter dbl. disc openers, no-till monitor, dry fertilizer, nice $1200

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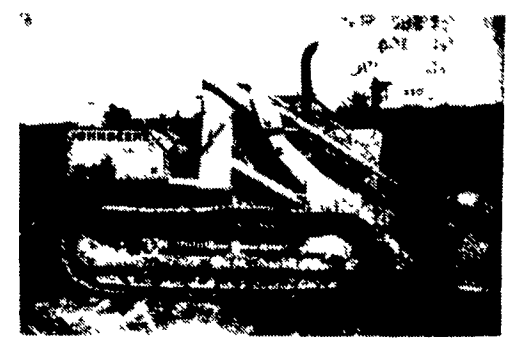

JD 350, Excellent $8,000
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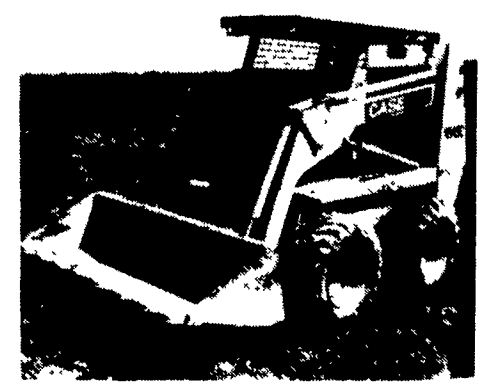
JD 310A excellent condition
$9,000



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Case 480 Backhoe loader w/cab, nice machine, $4,500
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JD 350 B 6 way, $8,000
JD 450 Crawler loader, like new U/C, $9,000
JD 350 Crawler Loader, $8,000
JD 310A loader backhoe, $9,000
JD 24 Skid Loader, Diesel, Needs Work, $2,000

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JD 9300 Backhoe Attachment, $2,800
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JD 7000 conservation 4 row planter w/liquid fertilizer & frame mounted coulters & unit mounted coulters w/population monitor & extra parts, $4,850/OBO. Call early mornings or evenings. 717-949-3074 or 703-879-9926

JD 730 Dsl., NF, 3 PT., good, $3,400. Franklin Co. 717/369-2674.

JDB tractor, late model electric start, 3 pt. hitch, good rubber, very clean, $1,100. Chester County. (215)269-3224 evenings.

NH276 baler S/Sweep, w/ thrower, good original paint $2875; Lamco 3 beater silo wagon $995; JD300 elevatgor, 30' $250; NH273 baler w/thrower $1550; NH58 thrower $450; NH256 rake w/good original paint $1375. Call after 8PM. 717-653-5926.

NH 27 blower, excellent condition, $975/OBO. Call early mornings or evenings till 7 p.m. 717-949-3074 or 703-879-9926

NH 30' Hay Elevator w/ motor, $500. (301)898-7426.

JD Model 1500 power till seeder $1000; JD model 6000 hi-cycle low usage, rental return $24,500; Littleston model 9680 no-till drill, $7500. GLADHILL TRACTOR MART 301-663-6060.

John Blue ground wheel drive unit, excellent condition, (717)653-9662 (717)653-4149.

John Deere #45 combine; Little Giant 38' elevator. Both very good condition. Call 717-993-2351 Noon or Evening. York County.

Lely PTO Hay Tedder, excellent, $800. 301/898-7426.

Leroi 650 CFM air compressor, TD24 engine/ compressor for parts. Call 301/398-6460 between 7:00-4:30 Day. Ask for Mike.

LOG SKIDDER Franklin 170 gear drive, Detroit power, nice, $5,000. 301-833-9091

MANURE SPREADER GEHL, tandem axle, $700. 301-833-9091

NH 461 haybine for sale, good shape. Call Evenings. 717-444-3889.

NH 495 12' haybine, good condition, $2,500; 8x16 bale wagon. 215-944-7453.

Used AC 7045 tractor w/ cab, power shift, 2,914 hrs. Lehigh Ag Equipment. 1-800-333-7372 or 215-398-2553

JD LA w/sickle mower, very good condition, $1,375. (609)769-3183.

JD Grain Drill, 17x7, Model (FB), $750; Grain Auger, 10'x6" w/3/4HP Motor, $75; King Wise Grain Elevator Hopper w/motor, $75. 908/782-5864.

JD grain drill 13 rows, $250. 2hp electric motor, $100. Electric cords, 150', 220 volts, $100. (215)255-4324.

JD-H excellent condition, new tires, new battery, right and left plows, $1,500. (717)752-3394 evenings.

WENGERS FARM MACHINERY, INC.

LONG

ROUTE 501 - 1 MILE SOUTH OF MYERSTOWN, PA.

717-866-2135

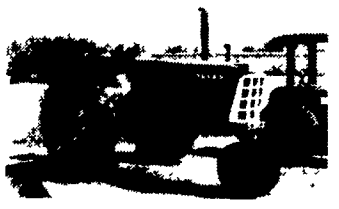
Mailing Address: 251 S. Race St. Myerstown, PA 17067

HOURS: MON.-FRI. 7:30-5 SAT. 7:30-NOON

WOODS

International 560 Standard Diesel, 1 Remote, 540 PTO, Belt Pulley, Call For Price.

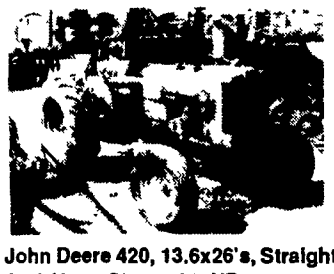
New Holland 489 Haybine, 2 To Choose From, Very Good Condition.



Oliver 770 Gas

White 285- 16' Field Cultivator.

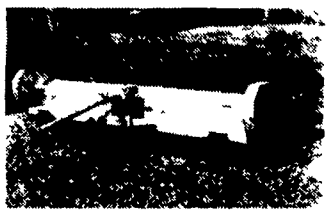
International #45 15' Field Cultivator, Pull Type.



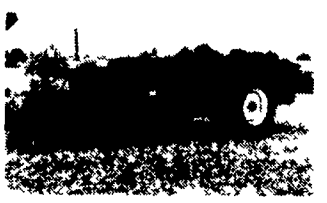
John Deere 420, 13.6x26's, Straight And Very Clean, 28 HP.

Bush Hog 8' Offset Disc. Call For Details.

International 1066 Cab, Dual Remotes, 540/1000 PTO, 18.4x38's, 12 Front Weights, Rear Wheel Weights, 120 HP.



Woods 144- 12' Stalk Chopper, Good Condition.



International 530 Manure Spreader 148 Cubic Feet Capacity.

FARM TRACTORS

JD 420 Utility
IH 1066 w/Cab
IH 986 Cab/Air
IH 826 w/Cab
IH 656 Gas, Hydro Hi-Crop
IH 574 Diesel
IH 464 Diesel w/Loader
IH 560 Standard
IH 2404
IH- AVW/Cult.
Case 4490- 4WD
Case 2870- 4WD, 3 Pt., PTO
Case 1030 Cab
(3) Case 930
Case VAC
Ford 6600 Hi-Crop
Ford 5000 Diesel
MF 255 w/Multi-Power
MF 2200 w/Mid Mount Sickle Mower
Oliver 1800 Gas, NF
Oliver 770, Gas, NF
AC 185 Diesel
Ford 1900, 4WD

LONG

New 2360, 4WD, 35 HP
New 2460, 4 WD w/Loader 42 HP
New 310, 4WD, 28 HP

COMING IN

Brillion 12' Packer
Brillion 14' Transport Packer
Brillion 15' Mulcher
Brady 722 Flail Chopper
OMC 540 Stacker
Brillion Packer Seeder

MISC. EQUIPMENT

Manure Forks
Cabs- AC 7000, JD 4020, Ford 7000
Cub Snow Blades
3 Pt. Dirt Scoops
3 Pt. Bale Spears
3 Pt. Boom Poles
NI 324 2R Cornpicker
18.4x38 Duals
20.8x38 Duals
JD 8300- 23x7" SD Drill
JD 2x30" Harvester Head
Woods 144-12' Stalk Chopper
Mengele 3 Pt. Harvester
JD 2X Cornplanter
MF 2X Cornplanter
Danuser Post Hole Digger
IH 530 Manure Spreader
Richardton 1200 Dump Wagon

TILLAGE

New- Long Swing Plow 3,4,5,6,7, & 8 Bottoms
IH 710- 7x16" ASR On-Land
JD 2500 6x18" ASR 5X Base Plow
MF 880 6x18" ASR Plow
IH 720- 5x18 ASR Plow
IH 720- 5x16 ASR On-Land Plow
White 548 5x16 ASR Plow
IH 710- 5x16 ASR Plow
White 548 4x16 ASR Plow
MF 4x16" ASR Plow
Oliver 546 4x16 ASR Plow
White 3x18" ASR Plow
IH 710 3x16 Trip Plow
JD 3x16" 3 Pt. Plow
Ferguson 2x12 3 Pt. Plow
IH 2x14" 3 Pt. Plow
JD 360- 14' Offset Disc
Bush Hog 8' Offset Disc
Miller 10' Offset Disc
MF 12 Offset Disc
White 271- 19' Wing Fold Rock Flex Disc
Rhino F-90- 20' Wing Fold Rock Flex Disc
Kewanee 12' Rock Flex Disc
IH 500 Cutting Disc- 12'
Kewanee 13' Disc
(2) Oliver 12' Disc
Oliver 10' Disc
Oliver 8'6" Disc
IH 5'- 1 Pt. FH Disc
IH 55- 13' Chisel Plow Pull Type
IH 55 10 Shank Chisel Plow Pull Type
JD 1600- 10 Or 12 Shank Chisel Plow Pull Type
White 285- 16' Field Cult. Pull Type
IH 15' Field Cult.- Pull Type
Brillion 15' Field Cult.- Pull Type
JD RM 6x30 S-Tine Cultivator
JD RM 6x30 Cultivator
JD RM 4x30 Cultivator
JD RM 4x36 Cultivator
Ford 2X 3 Pt. Cult.
IH 315 12' Cultimulcher
Brillion 13'8" Cultimulcher
Brillion 13' Cultimulcher
Brillion 12' Cultimulcher
JD 930- 12' 3 Pt. Cultimulcher
(2) 8' Land Roller
Dunham 10' Cultimulcher
Brillion 11' Cultipacker
Brillion 14' Cultipacker
Brillion 15' Transport Cultipacker

NEW EQUIPMENT

- King Kutter Scraper Blades 6' And 7' Heavy Duty 7' And 8'
- King Kutter Scraper Blades 6', 7' And 8'
- King Kutter Post Hole Diggers 6", 9" and 12" Augers
- King Kutter Discs 5½ ' And 6½ '- 3 Pt.
- King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'
- King Kutter Stone Rakes 4', 5', 6', 7' & 8'

Cornshellers- 3 Pt. And Pull Type
Hay Tedders- 9'- 3 Pt. Or Pull Type
Hay Wheel Rakes- 3 Pt.
Seeders- Broadcasters- 3 Pt.
Cultivator 1 Row- 3 Pt.
Potato Diggers 1 Row- 3 Pt.
Shaver Post Driver HD-8 And HD-10
Cement Mixers-3 Pt.
10' Pasture Drag
Woodsman- 3 Pt. Saw
McConnell 6 And 8 Ton Running Gears

ROTARY MOWERS

- King Kutter Rotary Mowers- New 4', 5' And 6' 3 Pt. And Pull Type
- King Kutter Finish Mowers- New 4', 5', 6' & 7'- 3 Pt.

Woods New 121 Twin Cadet- 10'
Woods New L59 5' Mid-Mount
2-Terrain King 15' Batwing
Long 6' 3 Pt. Estate Mower
Ford 5' 3 Pt. Rotary
Mott 3 Pt. 5' Flail Mower

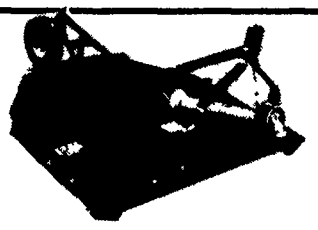
HAY EQUIPMENT

JD 467 Baler
JD 337 Baler w/Ejector
NH 451 Sickle Mower
JD 213 Flex Head
(2) 18x8 Steel Wagon On 8T Gears

EARLY BIRD SPECIALS - NEW SHIPMENT OF KING KUTTER MOWERS

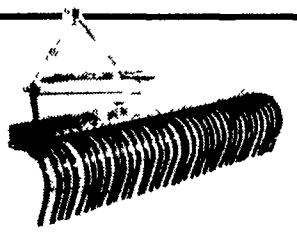
• King Kutter's New Free Floating Finishing Mower Leads The Way In Performance And Quality. It Utilizes A 40 HP Cast Gear Box, Shielded PTO Shaft, Front Rollers, Rear Wheels And A Self Tightening Belt That Reduces Slippage. Available In:

4'- $995
5'- $1095 6'- $1195



• Rotary Mowers Include Stump Jumper, 8" Puncture Proof Tires, Shielded PTO. Available In:

3 Pt.:	Pull Type:
4'- $595.00	4'- $695.00
5'- $650.00	5'- $795.00
6'- $895.00	6'- $995.00
7'- $1595.00	7'- $1995.00



• King Kutter 3 Point Hitch Yard Rakes Have 5 Forward And 3 Reverse Angular Settings. The Spring Steel Teeth Are Separately Mounted For More Durability.

4'- $395 7'- $550
5'- $450 8'- $595
6'- $495

• Long Rotary Tillers Designed To Give The Best Mix To Your Soil. Digging Depths To 4¾ " Are Ideal For Pulverizing.

55"- $1495.00
63"- $1795.00
71"- $1995.00

• King Kutter Disc Harrow Is Constructed Of Rigid Angle Iron. High Carbon Steel Axles Are 1" Square Mounted On Greasable Bearings With Gangs That Have Angle Adjustments.

5½ '- $495.00
6½ '- $550.00

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We Proudly Salute The Dairy Farm Families

JUNE IS Dairy MONTH

White combine 8700, 3 heads, narrow and wide corn head, 13' grain head Shed kept. Clean Priced to Sell 301-842-3756, 606-598-6546

Windmill for Sale: working top, you remove, best offer. Located 10 mi S. of Gettysburg, PA, 4 mi N of Taneytown, MD. 301/756-2617

The Largest Selection of Used NI Uni Equipment in the U.S.A. We didn't become the largest by having the highest prices! YANTIS IMPLEMENTS 219-753-3133.

IH 826, 3 pt. hitch, narrow front, good rubber, $4,600. No Sunday Calls 301/824-7240.

Silawrap round bale wrapper, excellent shape, $7,500. Sunfilm stretch wrap, $73, quanity discount. (717)369-5702.

SKID STEER JD 375, 290 hrs, diesel, $4,450 301-833-9091

Skid Loader, very good condition. Owatanna Mustang, 440 Dsl., $6,500 703/788-4262.

Terry's Farm Repair, experienced JD mechanic (717)672-3139. Tractors, lawnmowers, automobiles.

NH Super 67 Hay Baler, field ready, $600 (301)898-7426.

NI 12-A Manure Spreader, ground drive, new paint, $700. 301/898-7426.

NI 14A Spreader, like new, $975, JD 28 Blade drag disc, 18" blades, NH 477 Haybine, $1,950, NH 55 Rake, $900, Int 57 PTO Baler, $500; Grimm Tedder, ground driven, $775; Ford 3000 Gas w/PS and loader, $4,600, Int 504 Gas w/3 pt, $2,950 215/562-4464

ONAN GENERATOR, 45 KW, gasoline, 120-240 Volts, single phase, $7,000. 717/292-3998.

NH 499 haybine, excellent condition, rebuilt pump, B.O. 717-485-4820.

NH 56 hay rake, very good condition, $925 215-536-9672.

NH 892 harvester w/2 RN low profile corn head & 880W pickup head, field ready, $4,650/OBO Call early mornings or evenings till 7 p m 717-949-3074 or 703-879-9926

NH direct cut head for Super 717 chopper, $200 (301)898-7426

IH 460 tractor w/3 bottom fast hitch plow, good condition, $1,800 (215)287-0410

JD 8650 for sale on farm in Felton, DEL. This tractor is in new condition, good tires and paint, has PTO, 3pth. You can drive it on our farm. (Will deliver) (302)284-8774, (302)284-8285.

JD A 1950 excellent JD A 1950 parts tractor. JD #30 combine JD tricycle hayrake NH 274 baler NH haybine, 9'. International F20 Int'l H. JD 3-14" plow JD mower. 3pt hitch mower 6" cutaway disk Call after 7pm (301)838-1282.

Oliver 80 standard tractor, bale kicker wagon, Jerrdan chassis w/wide tread (717)786-3087.

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Ford TW20, 4WD w/cab, air and dual power
Ford 7700, 4WD, dual power, w/cab
Ford 7610, 4WD, dual power, ROPS and canopy
Ford 6600, 2WD, dual power
Ford 5000, 8 spd. dsl., PS
Ford 4610 Series 2 w/factory cab
Ford 4000, 8 spd. dsl., PS
Ford 3600 dsl., PS, w/canopy
Ford 3550, gas w/loader and weight box
Ford 3000 gas, 8 spd.
Ford 2810 Series 2, 8 spd., 450 hours
Ford 2810 Series 2, 500 hours, w/QT loader
Ford 1720 4x4 w/ldr.
Ford 1110 w/mower
Ford 801 w/loader
New Kubota L2850 4x4 w/ldr.

HAY EQUIPMENT

NH 320T baler w/#70 thrower
New NH 474, 7' haybine
New Hesston 1071 7' haybine
NH 489 9' haybine
NH 256 rake w/front wheels
NI 5 bar hay rake
Ford 501 mower
NH 3PT mower
IH 3PT mower

TILLAGE EQUIPMENT

JD 15' plowing disc
JD 15' cultimulcher
Chatanooga 13' cultimulcher
JD 11' wheel disc
Dunham 10' cultimulcher
Brillion 13' cultimulcher
Kewanee 13' tandem disc
Ford 10' disc

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Many Compact Tractors In Stock — All Sizes! — Some With Loader & Backhoe — Others With Mowers!

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JD 440 Ind. C w/Scarifier— $5,000
Farmall Cub w/Mounted Circular Saw
Ford 860, Low Hours
Coming In — JD 4040 w/4 Post Roll Guard, Power Shift — Very Nice!
Coming In — JD 1520 Gas

ALL USED TRACTORS IN GOOD TO EXCELLENT CONDITION

New Midwest Harrows And Buster Bars For Your Discs, Cultivators, Etc... ALL AT CLOSE OUT PRICES!

NEW MISC.:
NH — Smoker, Elevators & Parts
JD AMT 626 5 Wheeler w/Utility Box Transporter
Polaris 6x6 w/Box Body
JD 350 Manure Spreader w/ Endgate
JD 643 Cornhead For Sidehill Combine
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JD 348 Baler w/40 Ejector } 0% Financing For 12 Mo.
JD 1360 Mower Cond. }
JD 1219 Mower Cond. }
JD 672 Rake, 9½ Ft.
JD 240 3 Pt. Disc Mower — For Roadside Mowing
Kuhn GRS 25 Tedder Rake
JD 7200 6-R Corn Planter, Dry Fert., Fully Equipped — 4/1/92 Waiver Available!
JD 712 11'3" Mulch Tiller
Brillion 12' Flail Shredder w/4 Tires & Center Kit
Brillion PDT-12, 12' Pulverizer
Brillion CPP-9, 9' Chisel Plow
4-Wheel Wagons
JD & Woods Rotary Cutters
Lely Spreaders
Herd Fert. & Seed Spreaders
Valby 3 Pt. 1000 RPM Shredder (Paper- 3 Ton Per Hr., Wood- 8 Ton Per Hr., Plastic- 300 Lbs. Per Hr.) Weighs 1200 Lbs., Heavy Duty, Long Life Machine.

USED MISCELLANEOUS EQUIPMENT

Pequea 6x10 Utility Tilt Trailer, Single Axle 3500 Lb. Cap., Fenders & Sides — $700
King Wyse 24' 20-In. Chain Slat Elev. w/Carriage & Motor— $750
Used Rotary Cutters— From $395 To $1,250
Many Used L&G Tractors w/ Attachments
Century 400 Gal. Trailer Sprayer w/5 HP Engine, Long Hose & Gun— $2,395
NH 36 Chopper Field Ready — $1,500
JD Category II Tool Bar w/3 Coil Spring Standards SOLD
JD No. 9 Sickle Bar Mower, Lift Type — $595
NH 44 - 45, 47 7 Ft. Sickle Bar Mower w/Rope Lift — $495
JD 216 Rigid Platform For Sidehill
JD 213 Rigid Platform
JD 444 Cornhead (All In Good Condition)
JD 2-Row Cornplanter w/Tool Bar Mtd. Units & Dry Fert.

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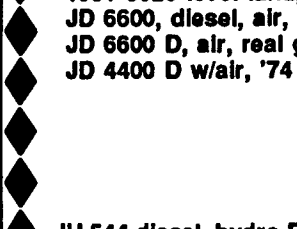

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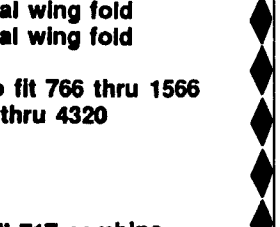

Tractors

1989 JD 2355, 165 hrs. w/JD 175 ldr, like new
1987 JD 4450 SGB, power shift, very nice
JD 4250 SGB, 2 wheel power shift, very nice
JD 4050 power shift SGB, MFWD
JD 2950 2 wheel fender tractor
1982 JD 4240 SGB, power shift, 2500 hrs., very nice
1982 JD 4240 SGB, power shift, very nice
1982 4240 SGB, quad, sharp, 2350 hrs.
JD 2940 w/mechanical front SOLD
1977 JD 4230 SGB quad, nice
JD 4230 SGB quad, complete major engine overhaul, radial tires, very nice
JD 1977 model 4030 diesel, 4 post, recent engine overhaul
JD 4030 gas, WF, fender tractor
JD 4320 w/fac. cab, very nice
JD 4320, cab and air
JD 4020D 1971 model, WF, 2 hyd., nice
JD 4020D, synchro. NF, 2 hyd.
JD 3020 gas
JD 730 gas, 3PT
JD 820 2 cylinder
JD 620 L.P. gas w/3PT, very nice & straight
JD 70 gas w/3PT
JD A 2 cylinder
JD B 2 cyl., nice
IH 5288 MFWD cab, air, nice, '84 model
IH 3688 factory cab & air
IH 1086 factory cab & air, new TA, 2600 hrs.
IH 1086, ROPS
IH 1066, fender tractor, new TA, sharp
1980 IH 986 factory cab & air
IH 986 factory cab & air, new TA, & clutch
IH 886 factory cab & air, 3752 actual hrs., very sharp
IH 7[SOLD]post
IH 186 hydro, factory cab
IH 86 hydro, WF, 3PT, nice
IH 966 fender tractor, WF, 3PT, 3000 original hrs., 1 owner
IH 966 w/cab, clean
IH 966 diesel, 3PT, NF
IH 1456 fender tractor
IH 856, diesel, WF, 2PT
IH 826 D, gear, 2PT, WF, sharp
IH 1206 WF SOLD ender tractor
IH 884 diesel, late style
IH 584 utility w/1050 hrs.
IH 504 gas 3PT, NF
Farmall 560 diesel, fast hitch
MF 1085 diesel multi power fender tractor
MF 135 diesel 3PT

JD 450C crawler dozer w/6 way blade

Heads

MF 1143 4RN corn head, good cond.
(2) NEW MF 9113 flex heads
(2) MF 1859 13' flex w/U11 reel
(2) IH 863 6RN
IH 820, flex 13'
IH 810 15' grain head
JD 643, 6RN
JD 444 4RW, very nice
JD 216 flex, black reel
JD 215 flex, needs rebuilt
JD 213 flex head.
JD 100 Series 13' rigid head
JD hay pickup head, 5½'

Combines

1984 6620 level land, very nice
1981 6620 level land, nice
JD 6600, diesel, air, 1976 model, nice
JD 6600 D, air, real good combine
JD 4400 D w/air, '74 model, nice

Uni Systems

NI 708 hydro, cab & air, very nice
NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 713 & 715 grain heads
(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 846, 6RN
NI 725, 735, 738 corn head
NI 727 husker, low acres, very nice
NI 727 husker & 737 husker

Implements & Misc.

IH 720 6x18 toggle trip
IH 720 5x18 toggle trip
IH 710 5x16 auto reset
JD 145 5x16 plow
Owatonna 345, 4 cyl. Ind. gas, skid loader
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Wilrich 9 Shank Chisel w/Front Blades
IH 475 19' disk, manual wing fold
IH 480 20' disk, manual wing fold
IH 37 13'6" disc SOLD
IH factory cab w/air to fit 766 thru 1566
NEW WF for JD 3010 thru 4320

Used Parts

IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 combine
IH 706 gas tractor
Farmall H & M
IH dual PTO units
IH 826 diesel
IH 1026 hydro

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7110 — 130 HP
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7120 — 150 HP
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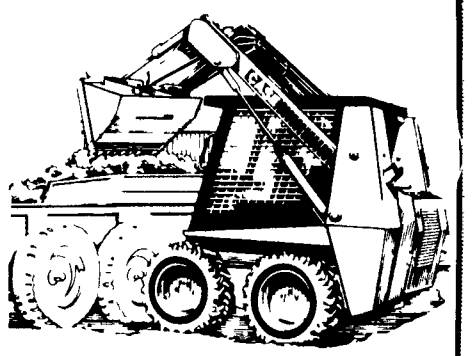

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- Farmall Cub w/Cultivator
- Versatile 160 w/Loader, 3 Pt.
- Case IH 7110 Tractor, 4WD
- Farmall 856 Tractor
- JD 2955 4WD Tractor w/Loader - 980 Hrs.
- Case IH 7140, 4x4, 400 Hrs.
- IH 5088 Tractor, Exc. Cond.
- IH 1066 Tractor w/Cab
- Case IH 275, 165 Hrs., 4x4 w/ Loader
- IH 656 Tractor
- IH 986 Tractor w/Cab

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- NH 553 Skid Loader, 550 Hrs., Like New
- NH L781 Skid Loader, Exc
- Case 1835 Diesel w/Bucket
- NH LB620 Loader/Backhoe, 4x4, 56 H.P. Diesel, 450 Hrs., Like New
- Case 1830 Skid Loader
- Case 1816B Skid Loader
- NH L35 Skid Loader, Diesel

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- Oliver 25 Combine
- NH 316 Baler w/Thrower, Like New
- NH 256 Rake
- NH 495 Haybine
- Case IH 600 Blower, Exc.
- JD 336 Baler w/Ejector
- NH 489 Haybine
- NH 851 Rd. Baler
- NI 5 Wheel Rake
- NH 488 Haybine
- NH 411 Discbine
- NH 451 Mower
- Major 9 Ft. Rotary Mower
- NI 456 Rd. Baler
- NH 315 Baler w/Bale Chute
- NH 278 Baler w/Thrower
- NH 1495 SP Haybine, 12 Ft. Head
- NH 489 Haybine
- Case IH 1490 Hydroswing
- IH 830 Forage Harvester w/3 Row Cornhead, Pick-Up
- NH 848 Round Baler
- NH 320 Baler w/70 Thrower
- JD 24T Baler
- NH 260 Rake, Hyd. Drive
- NH 258 Rake, Hyd. Drive
- NH Dual Hyd. Rake Hitch
- NH 575 Baler, Used 1 Season
- NH 849 Rd. Baler
- NH 892 Forage Harvester w/2 Row Cornhead, Pickup
- IH 51 Forage Box
- NH 30 Blower, 1000 RPM
- JD 6 Ft. Flail Chopper
- Ford 7 Ft., 3 Pt. Flail Mower
- NH 38 Flail Chopper
- NH 1038 Bale Wagon

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- AC 10 Ft. HD Offset Disc
- IH 370 Disc
- MF 3 Bottom 18" Rollover Plow
- AC 333 Planter, 6 Row, Exc. Cond.
- IH 56 6 Row Planter
- IH 5100 16x7 Drill
- IH 480 18 Ft. Wing Disc Harrow
- AC 5 Bottom Plow
- Bush Hog 23 Ft. Disc Harrow
- MF 16 Ft. Disc Harrow
- IH 800 4 & 6 Row Planter

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- NH 790 Spreader, Hyd. Endgate
- NI 10 Ton Spreader w/Top Beater
- Lely Vacuum Tank Spreader w/ Injectors
- NH 679 Spreader
- JD 660 Spreader, Top Beater, Hyd. Endgate
- IH 550 Spreader, Pan

MISC.

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- Gill Landscape Maker
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- Woods RM 500 Mower
- JD 30 Ft. Elevator
- JD 400 Grinder Mixer
- Artsway 800B Mixer Wagon w/ Scales

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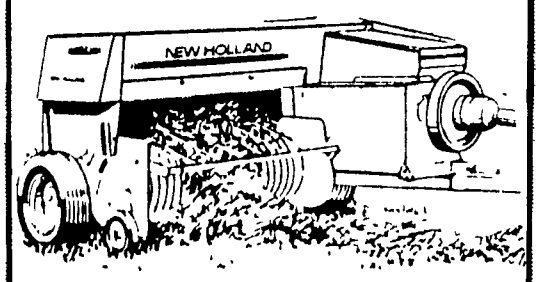

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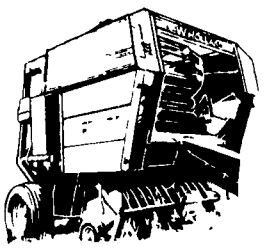
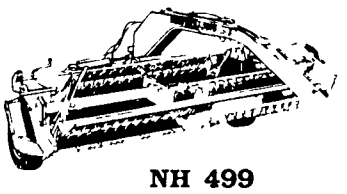
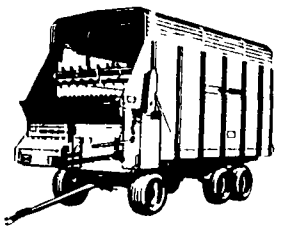


NH 630, 848, 853, 855 BALERS



NH 499 MOWER-COND.



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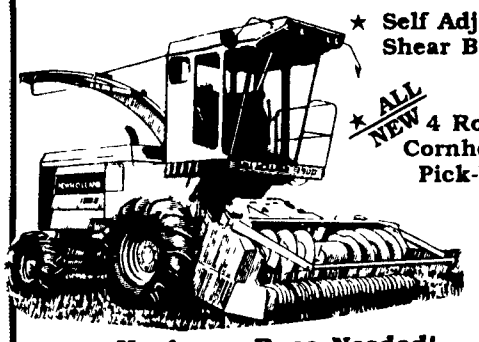

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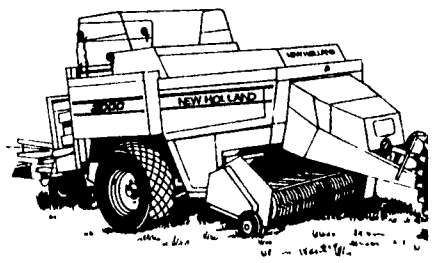

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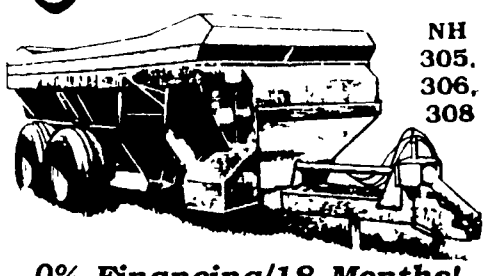

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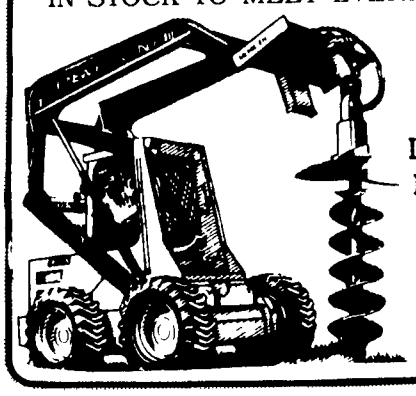

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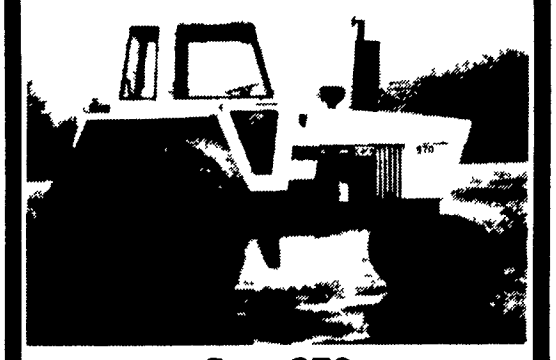

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NH 283 Baler w/Thrower
NH 278 Baler w/Thrower
NH 273 Baler w/Chute
NI 272 Cutditioner
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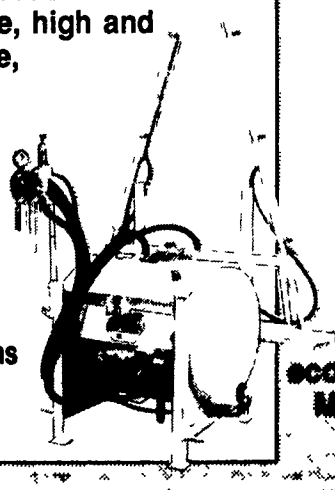

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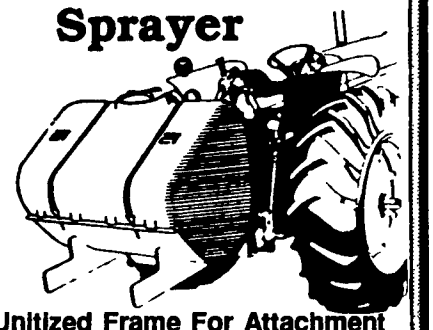

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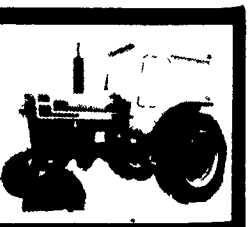

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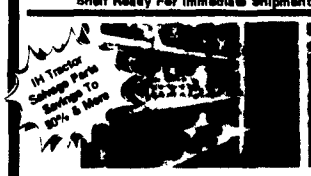

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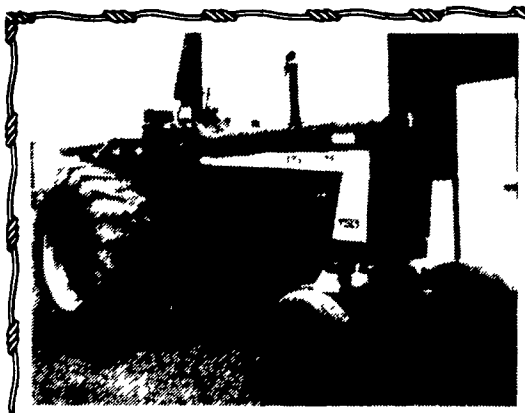

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FORD: TW25 w/Cab, 2000 w/Ldr , 3000 w/Ldr , 4000 w/Ldr ; 4100 w/Ldr Sunroof, 5000 w/Ldr Sunroof, 7000, 7600 Hi-Clear, 641 w/Forklift, 8N's
IHC: 886, 400, M, Super H, 140 Hi-Clear
JD: 2940 w/Sunroof, 2750 Diesel, 4230 w/Cab, 2955 w/Sun Roof, 2755 4WD w/Cab Quick-Attach Frt Ldr Only 60 Hrs , 4020 PS
KUBOTA: L305 4WD w/Ldr , L345 4WD w/Ldr , L355 4WD w/ Ldr , L2550 4WD w/Ldr , L2550 GST 4WD w/Ldr , M4950 w/ROPS Sunroof, M4950 4WD w/Ldr ROPS Sunroof, M7950 w/Cab
MASSEY: 35 Delux w/Ldr , 135 w/Ldr
SAME: Tiger Six 105 w/Cab, Saturno 80 4WD w/Cab
WHITE: 2-135 Red Stripe w/Cab
CASE: David Brown 1210 Diesel 4WD w/Sun Roof

TILLAGE EQUIPMENT

AUTO RESET PLOWS:
IHC: 450 5 Btm 3 Pth , 700 5 Btm Semi-Mount, 700 6 Btm 3 Pth , 710 5 Btm O/L Hitch, 710 5 Btm Semi-Mount, 710 4 Btm O/L Hitch, 710 6 Btm O/L Hitch, 720 6 Btm O/L Hitch, 720 5 Btm Toggle Trip O/L Hitch, 720 8 Btm O/L Hitch, 735 6 Btm O/L Hitch
JD: 2500 5 Btm 18" w/Add On Semi-Mount, 2500 6 Btm 3 Pth , 2500 7 Btm O/L Hitch, 3600 5 Btm O/L Hitch, 3600 4 Btm O/L Hitch
WHITE: 588 5 Btm , 4 Btm Rollover, 508 4 Btm Semi-Mount
FORD: 3 Bottom
CHISEL PLOWS: **AC:** 1600 8 Shank
GLENCO: 17, 10, 9 Shank 3 Pth
BRILLION: 7 Shank 3 Pth
IHC: 55 9 Shank 3 Pth
JD: 1610 12 Shank 3 Pth
BUSH HOG: 12' Shank Offset.
DISCS: **IHC:** 11 Ft Transp , 350 14 Ft , 37, 12' & 14'.
JD: 12 Ft Transp , AW 10 Ft , 220
20 Ft Flex Gang Centerfold; T0110 12', T3544 16'
KEWANEE: 610 14 Ft
AC: 3300 18 Ft , 2300 14 Ft. Wing, 14 Ft Fold-Up
WHITE: 10 Ft. Transp
ATHENS: 131 12 Ft
BUSH HOG: 12' Offset, 1436 14'
Large Selection Of 2-4-6- Row 3 Pth. Cultivators, 2-3-4 Btm. Plows 3 Pth., FH, Snap Coupler.

HAY & FORAGE

HAYBINES: **NEW HOLLAND:** 472
NEW IDEA: 270 And 272 Cut/Ditioners
HESSTON: 1070, 1071, 1090, 1091, 1014 Hyd Swing
DISCBINES: **HESSTON:** 1050
DEUTZ: SM70
BALERS: **HESSTON:** 4600
N.H.: 316, 315, 310, 276, 275 All w/Throwers
D/A: HD 490 w/Thrower
N.I.: 484 Round Baler
JD: 338 w/Thrower, Like New
FORAGE HARVESTERS: **NH:** 892
HESSTON: 2000-100, 2000-150, 7140
LARGE SELECTION OF PICK-UP & CORN HEADS. CALL FOR YOUR NEEDS.
FLAIL CHOPPERS: **J.D.:** 3800
N.H.: 34, 36, 38
FORAGE BLOWERS: **GEHL:** 99
N.I.: 620, 622
GOOD SELECTION OF SIDE RAKES AND CENTEPEDE TEDDERS.

PLANTING EQUIPMENT

JD 7000 Conservation 4 Row Narrow Planter, AC 6RN Corn Planter w/Dry Fertilizer, Insect Boxes, Monitor, Brillion 10 Ft Cultipacker Seeder, Brillion 12 Ft Cultimulcher, Brillion 16 Ft Transp Cultipacker, Crust Buster 21 Dbl Disc Grain Drill, AC 6 Row No-Til Corn Planter w/Liquid Fertilizer, AC 4 Row Corn Planter, JD 8350 DML Disc Grain Drill, JD 216 2 Row Corn Planter, AC, Ford, JD 2 Row 3 PTH Corn Planters, Moore No-Till Seeder

MANURE EQUIPMENT

LIQUID: Better Bilt 1500 Gal , H/M 2400 Gal , H/M 2900 Gal , Hawk Bilt 3220 Gal
VACUUM: VanDale 2250 Gal
MISC: 3000 Gal H/M Tank On 1973 Int'l Tandem Truck

INDUSTRIAL

DOZERS: Case 450 Crawler w/4 & 1 Bkt , JD 450C w/6 Way Blade, AC 653 w/6 Way Blade, AC H3
TRACTOR/LOADER/BACKHOES: AC 715B, AC 615, Case 480, 580
OTHER ITEMS: AC 640 Loader, AC 714 Loader, AC 615 Loader, Massey 2135 w/Ldr , Ford 515 w/Roadside Maintainer Mower, JD 440A & 440B Log Skidders, Pettibone B66 4 WD Forklift, 1976 GMC Truck w/45 Ft Ariel Bkt , Assorted Tag-A-Long Equipment Trailers, Morbark Disc Chipper, Edwards Manlift

MISCELLANEOUS

Kilbros #250 Grainbox On Running Gear, Knoedler Feeder Wagon, Knoedler Dial-A-Mix Feeder Wagon, E-Z Flow #220 w/Grain Wagon, Artsway 425C Mixer Mill, NH 355 Mixer Mill, JD 714A Forage Wagon, Gehl Side Dump Forage Wagon, Stoltzfus Truck Mount Fertilizer Box, Stoltzfus 5 Ton Wet Lime Spreader, Case/IH 8610 Bale Processor, Hesston #10 Stackhand, Hesston #10 Stack Processor, Century 300 Gal Tandem Trailer Sprayer, Century 300 Gal 3 Pth Boom Sprayer, Myers 100 Gal 3 Pth Sprayer, Kalyn MD6 Tandem Hydro Dump Trailer, Rock-O-Matic 30 Stone Picker, Westfield 6'x20' Grain Auger, Shaver 3 Pth Postponder, Gehl F7190 Feeder Wagon, Kelly Ryan 8' Silage Bagger, Like New
LARGE SUPPLY OF FRONT-END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.

CORN PICKERS

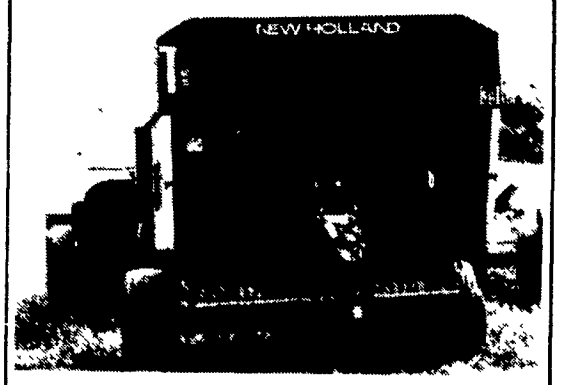
NI 323 1R, NI 324 WR & 325 NR Both Available w/8 Or 12 Roll Husking Bed Or Super Sheller

HIGH MOISTURE CORN EQUIPMENT

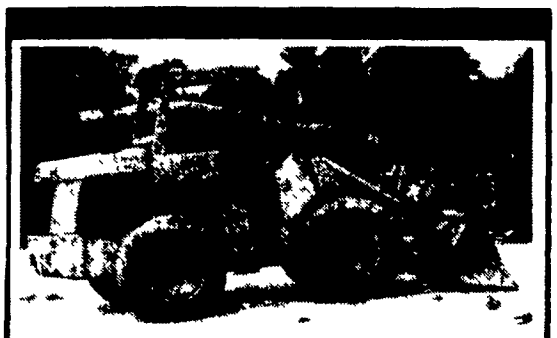
McKee Corn Hogs, Wetmore Grinder/Blower, NH 1R Snapper Head, Kools Regrinder Blower, Speed King 80 8"x24' Grain Auger PTO Drive Transport

TINKERER'S ROW

Oliver 88, Ford 8N, JD B, AC G, Long 560 4WD, Farmall 140 w/Fast Hitch, Same Saturno 80, Farmall H, Farmall Super M, Farmall 504 Diesel, Hi Clearance, Case 430 Diesel, Farmall 230 WF, David Brown 990, Fordson Antique Tractor w/Steel Wheels, Farmall M, Bobcat 600 Skid Steel w/DA Diesel Engine, Some Fire Damage
These Machines Are "AS IS" And Need Repairs!



NH 855 Round Baler
Exc. Condition
$6,000
301-833-9091



JD 544
OROPS Runs Real Good
$8,500
301-833-9091

USED EQUIPMENT

NH 315 Baler
NH 277 Baler w/Thrower
NH 273 Baler
NH 275 w/Thrower
NH 308 Spreader
JD 3 point rake
NH 1495 Haybine Hydro Cab A/C (Exc.)
NH TR70 w/heads combine
NH TR96 combine w/heads, 1300 hrs.
NH Crop 8 Wagon (1)
WF 5100 6 Row Planter
NI 708 4WD w/730 Picker, 4R head
JD 60 Tractor
IH "M" Tractor
DA D 1006 Tractor
Case 580-E 4WD Loader
Oliver 1550 w/loader
Mustang 545 skid loader
Lillistone Mower
Bushhog BD90 Mower, 7'6" Width
7R Glenco cultivators, 3 pt.

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TRACTORS

JD 2940 MFWD
JD 2555 2WD w/Cab
Farmall 140 w/Belly Mower

COMBINES

JD 7720 Titan II, Real Sharp
JD 7720 Been Thru The Shop Recond., Field Ready
JD 8820 Heavy Duty Final Drive, Duals 4WD w/20' Grain Head, Totally Reconditioned
JD 8820, 1980, w/2000 Hrs., 843 Corn Head And 220 Grain Platform, Real Sharp
AC F2 w/Hydro Traction, 1980 Model w/Low Hrs., 438 Cornhead and 13' Floating Grain Head

MISC.

JD 7000 6RN Corn Planter
Marliss No-Til Drill Real Sharp
Set Of Model 1350-1450 JD 7x16 Plows
(2) NH 320T Balers, Extra Sharp
NH 320T Baler w/Kicker
7000 12 Row Front Folding Planter
(1) 7000 8 Row, 30" Rows, Liquid Fert. And Transport
JD 16A Flail Chopper
Brillion 15' Flail Cutter
Woods 121 Rotary Mower
Woods M72 Rotary Mower
Schwartz 880 Feeder/Mixer Wagon

Cooper Ent., Inc.
Cecilton, Md.
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HESSTON FARM EQUIPMENT

DEUTZ ALLIS

FORD NEW HOLLAND

CASH SAVINGS ON NEW EQUIPMENT

New Holland Model 718 Forage Harvester w/Electric Controls	$7,900
New Holland Model 855 Round Baler w/Auto Wrap (Demo)	$12,750
New Holland Model 462 Disc Mower	$3,950
New Idea Model 3615 Spreader w/Upper Beater	$2,995
New Idea Model 3618 Spreader w/Upper Beater	$3,995
New Holland Model 514 Spreader w/T-Rod Chain	$3,500
New Holland Model 144 Windrow Inverter (Demo)	$2,995
Ford Model 555C Tractor Loader Backhoe	$33,500
New Holland Model 355 Grinder Mixer w/10' Discharge Auger Extension	$7,900

USED EQUIPMENT

TRACTORS

Ford Model 881 Select-O-Speed, gas excellent condition	$3,800
Deutz Model 8006	$5,500
IH Model 2500B Tractor Loader (Gas) with 3/4 yd. Bucket	$7,900
British LEYLAND Model 154, gas	$2,500

HAY EQUIPMENT

A/C Model 444 Baler w/Thrower	$1,250
IH Model 440 Baler w/Thrower	$1,500
NH Model 270 Baler	$1,500
NH Model 70 Thrower (Fits 273,310)	$1,700
NH Model 256 Rake	$1,450
Pequea 9' Hay Tedder	$895
AC Side Mount Mower (fits AC Model D-15)	$500
NH Model 489 Haybine	$4,900
NH Model 495 Haybine-12'	$1,500
NH Model 495 Haybine 12'	$3,900
NH Model 411 Discbine	$7,500
NI Model 512 Hydra-Steer Mower Conditioner-12'	$3,900
NH Model 488 Haybine	$3.850

FORAGE EQUIPMENT

Hesston Model 2000-100, Harvester w/Electric Controls, 5' hay PU head, and corn head	$2,500
Fox Model 2310 Harvester w/2 Heads	$1,700
NH Model 770R2 2 Row Cornhead	$1,250
NH Model 25 Blower	$1,100
NH Model 25 Blower	$950
NH Model S23 Blower	$750
NI Model 620 Blower	$375
Badger Forage Wagon, 3 Beater w/Roof	$1,150
Papec Forage Wagon, 2 Beater w/Roof	$1,750

MANURE SPREADERS

NH Model 329 (New Chain)	$1,650
NH Model 519 (New T-Bar Chain)	$1,875
NH Model 519 w/Endgate, Splash Guard	$2,150
NH Model 679 w/Endgate, Splash Guard	$2,900
NI Model 213 Flail	$1,000
NI Model 213 w/Endgate, flail	$495
NH Model 307 Slurry, (Very Good)	$5,900

MISCELLANEOUS EQUIPMENT

Snapper Rear Rider	$395
IH Cub Cadet	$1,450
Ford 4-Bottom 14" Mounted Plow	$495
Bush Hog Model 305R Mower w/Slip Clutch	$850
Bush Hog Model 306 Rotary Mower w/Slip Clutch	$975
D/A Model 385 Corn Planter, 4 Row, No-Til, Air w/Monitors	$5,250
IH 3-Bottom Fast Hitch Plow	$350
NI Model 904 Corn Planter, No-Till, Plateless, Excellent	$4,500
A/C Manure Fork w/dirt plate (fits A/C Loader)	$375
Vicon Model 602 Fertilizer Spreader	$900
25 KW Generator w/Cart & PTO Shaft	$1,650

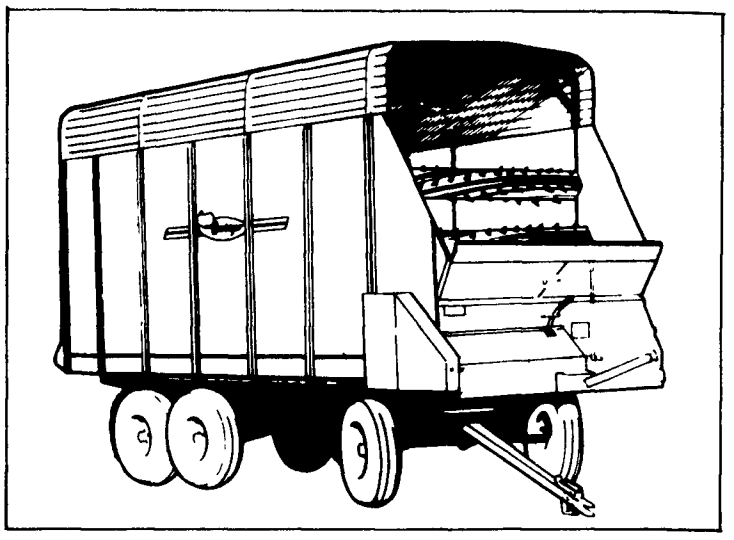
LOADERS

IH Model 2500B Tractor Loader (Gas) with 3/4 yd. bucket	$7,900
NH Model L-425 Skid Loader w/60" Bucket	$5,850
Case Model 1816B Skid Loader w/36" Dirt Bucket SHARP	$2,975
Cab Enclosure for New Holland Model L-224, L-425, L-445	$150

JUNE IS DAIRY MONTH

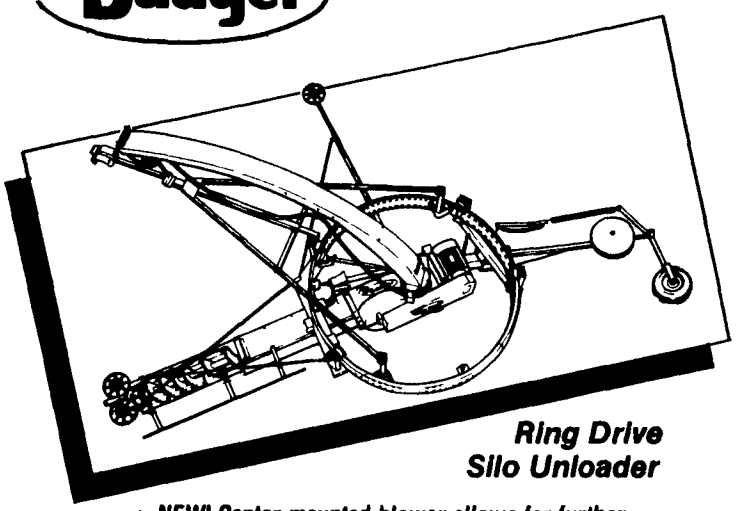
Check Out These Specials!

Badger Forage Box



- Flexible and durable on all types of terrain.
- All bolted and welded construction.
- High strength alloy rear support.
- Standard 667H pintle apron chains.
- All steel undercarriage.
- Duraply sides and treated plywood deck with lifetime warranty.

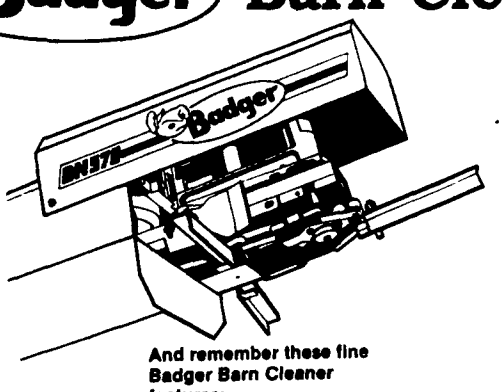
Badger Silo Unloader



Ring Drive Silo Unloader

- NEW! Center-mounted blower allows for further travel between doors
- NEW! Simple, trouble-free collector ring redesigned for greater ease of service
- NEW! Vertical control guide wheel on auger's outer end adds stability when raising the unloader.
- NEW! Three-year limited warranty
- High strength, extra-heavy angle iron frame
- Heavy-duty double wall reinforced drive ring
- Super tough chipper wheel shaves silo wall clean
- Rugged 10" auger with heat treated Zinc Dichromated knives and double flighting on outer end

Badger Barn Cleaner



And remember these fine Badger Barn Cleaner features:

- Heavy Duty Spur Gear Transmissions
- 10 Gauge Cor-Ten Steel Gutters
- One Piece Cast Iron Frame
- Paddle Tip Up Assures Proper Chain Lubrication

BHM FARM & LAWN EQUIP.

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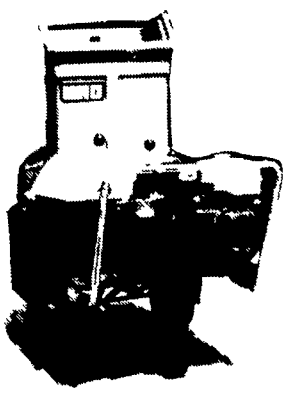
Telephone 717-867-2211

Lawn & Garden

JUNE IS DAIRY MONTH

Stop In For A FREE Glass Of Chocolate Milk!

DAIRY MONTH SPECIALS - SAVE $

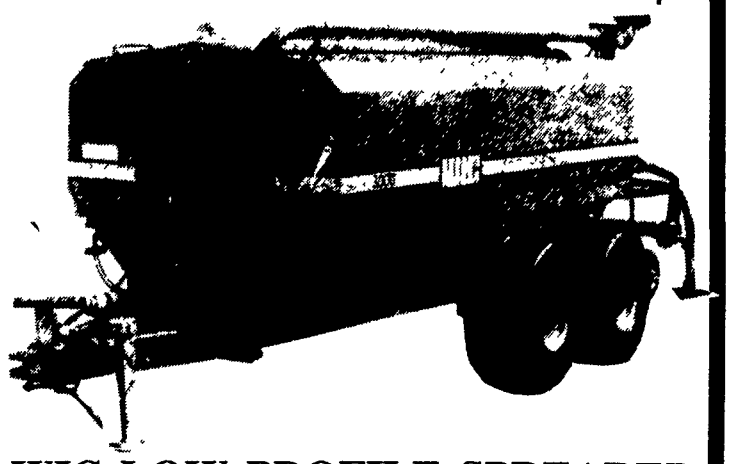


WIC PAPER SHREDDER

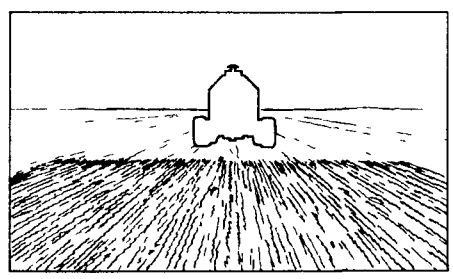
- 11 Horsepower Honda Engine
- New Style Tub & Rotor w/Paper Grate

List $2305 Reg. $1975

DAIRY MONTH SPECIAL **$1875**



WIC LOW PROFILE SPREADER



Excellent Spread Pattern!

In Stock And Ready To Go!

List $12,865

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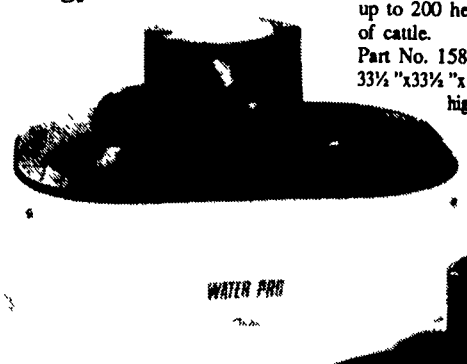
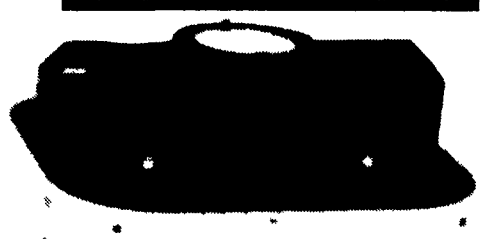
DAIRY MONTH SPECIAL **$10,250**

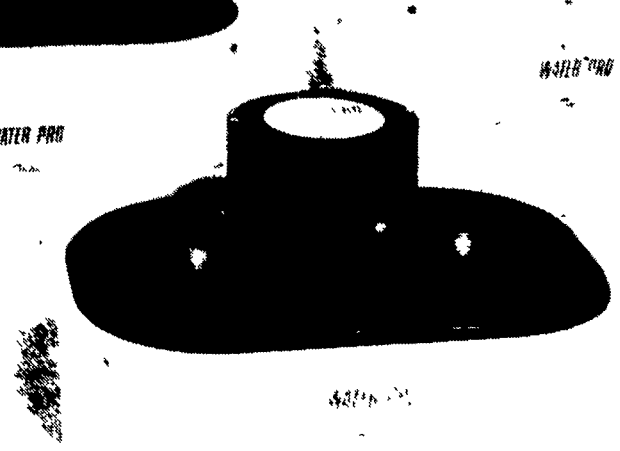
Ritchie Water Pro™ Energy Free Waterers

ALL WATERERS IN STOCK — 10% OFF!



Model C4 Cattle Four-Drink
For larger operations, waters up to 200 head of cattle.
Part No. 15866
33½"x33½"x17½" high





Model C2 Cattle Two-Drink
Waters up to 100 head of cattle.
Part No 15865
23"x33½"x17½" high

Model S2 Multi-Purpose Two-Drink
Low profile good for smaller animals. Waters up to 50 head of cattle, 100 head of sheep.
Part No. 12835
23"x33½"x11" high

Tye 10 Ft. No-Till Drill FOR RENT! *•Soybean & Innoculant Available*

DUTCH AUCTION

You determine the price! Depends on when you buy!!

Item For Sale	Reg. Price	Daily Reduction	Price On 6/1/91
• Brillion 10' Packer 4" Axle (Tag 2112)	$ 650	$ 4	$ 482
• Brillion 25' Wing Packer 4" Axle (Tag 2060)	4,990	20	4,150
• Gehl 3510 Skid Loader - 27HP - 54" Bucket (Tag 2088)	5,950	24	4,942
• Gehl 2600 Skid Loader - 25HP - 2 Buckets (Tag 2050)	4,490	20	3,650
• John Deere 14-T Baler - Good Condition (Tag 2072)	950	4	782
• Gehl FB99 Forage Blower - Completely Reconditioned (Tag 1329)	1,595	6	1,355
• Gehl 1580 Forage Blower - Very Good (Tag 2024)	2,890	10	2,470
• Hedlund Martin 1678 Tandem Scavenger Spreader (Tag 2128)	5,900	24	4,892
• Owatonna Model 83 Grinder Mixer (Tag 1352)	2,495	12	1,991
• IH (Artsway) TMR Mixer w/Scales (Tag 2073)	3,950	16	3,278

Sale Ends June 30, 1991

Above items will be reduced at the above published daily reductions and will be computed on six working days per week.

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(717) 597-2151

FOR SALE
IHC 1066 D; IHC 656 D; IHC 656 D WL; IHC 674 D WL; IHC SC w/Cult.; Case Int. 1594; New Case Int. 275; Case 530 WL; MF 265; MF 175; MF 165; JD 3020 Side Console; JD 2630; JD 820; Pequea & Zimmerman Hay Tedders; NH Hay Balers; NH 477 Haybine; NH 846 Round Baler; NH & Int. Rakes; Hesston PT10 Haybine; MF 750 Combine Flex Head; New Zimmerman Forage Wagons; Badger Blower.

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Used JD 4250 tractor w/ cab, power shift, 2WD, 1,483 hrs. Lehigh Ag Equipment. 1-800-333-7372 or 215-398-2553

Zimmerman 40' elevator, 2 h.p. motor, #62 chain, corn chute, $1,995. Call early mornings or evenings till 7 p.m. 717-949-3074 or 703-879-9926

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- Rentals

600 lb. to 3,000 lb. Capacity Loaders

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Bethlehem, PA
(215) 868-1481

Best Buys in Used Equipment

TRACTORS

AC D17	IH 966	Case 2290
* IH 1466	JD 4630	Case IH 4890
IH 1586	JD 3155 MFD	Case IH 7110 MFD
IH 485	JD 4230	Case IH 7130 MFD
IH 3688	JD 4640	Case 1835C Skid Steer
IH 1486	JD 3020	Case 2590
IH 484 w/Loader	JD 4440	ST 210
(2) IH 3588	JD 7020	ST Panther II
IH 3488 Hydro	MF 1155	Farmall A
IH 886	MF 2675	Farmall H

DISCS

Pittsburgh 19'	Ford 230 16'	IH 370, 12'
Crustbuster 20'	BH 24'	KR 2416
White 235	IH 14'	KR 1966 31'
Miller 20'	IH 470	KR 4966 31'
JD 14'	IH 475	KR 2440
JD 230, 21'	(2) IH 490, 22'	(2) SF 20'
MF 820, 30'	IH 37, 10'	SF 29'
Ford 241 22'	(2) IH 496, 22'	TW 15'

TILLAGE

Glencoe 18' Field Cultivator	IH 140 Plow 4x18
Koehring 15' Field Cultivator	IH 710 Plow, 7x16
Dunham Lehr 15' Cultimulcher	AC 7x16 On Land Plow
White 6R Cult.	MK 32' Field Cultivator
Oliver 6x18 Plow	JD 1100 Field Cultivator
Brady 18' Field Cultivator	JD 1600 Chisel Plow
KR 2321 Chisel Plow	JD 2350-2450 8x18 Plow
* IH 25' Field Cultivator	BR TPW 14 Packer
* IH 16" Field Cultivator	(2) BR 25' Packer
IH 24' Field Cultivator	BR 14' Chisel Plow
IH 165 Plow	BR 15' Cultimulcher
IH 45 18' Field Cultivator	BR 21' Field Cultivator
IH 415 Cultimulcher	WR 10x18 Plow

MISCELLANEOUS

(2) FMC Sprayers	JD 737 15' Mower
Great Plains #10 Drill	(2) JD 7000 Planter, 8 Row
BH 3450 Loader	Case IH 900 Planter 6RN
John Blue Sprayer 500 Gal.	(2) IH 6200 Drills
Haybuster Tandem No-Till Drill 24'	IH 5100 Drill 24x6
FD F-600 Dump Truck	IH 10 Drill, 18x7
JD Shredder #27	IH 510 Drill 18x7
JD 7000 4 Row Planter	IH 50 Shredder
JD 6R Shredder	

HAY EQUIPMENT

(2) JD 1209 Mower Conditioners	NH 90 Bale Stacker
IH 46 Baler	NH 488 Mower Conditioner
NH 277 Baler	

COMBINES

Gleaner M2	IH 715	JD 6600
Case Int. 1660	JD 8820 MFD	(2) JD 7720 4WD
(3) Case IH 1680	JD 6620	MF 760
IH 1460	JD 8820 4WD	(2) MF 750

Large Selection Of Cornheads And Platforms Available

* Just Traded

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case IH

Best Buys in Used Equipment

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(1) IH 1050 Grinder Mixer
(2) N H 479 Haybine For Parts Or Repair
(3) Dunham Lehr 24'9" Rolling Width Used With Transport Culti-packer With 17" Rollers, Super Clean Good Condition UM1855
(4) New Holland 310 Horse Pull Baler In Good Condition UM1845
(5) Good John Deere 5 Bottom Semi Mount 16" Plow, Hydraulic Reset UM1754
(6) Athens Model 84 Transport Wing Disk Harrow 22 Foot, All Cylinders And Hoses Included With New 22" Front Blades UM1836 . . . . . $2,250
(7) Rhino Model 118 16 Foot Hydraulic Wing Fold Rock Flex Disk Harrow UM1853 . . . $6,250
(8) UM1867 John Deere 7 Foot 3 Pt Sickle Bar Mower . $1,075
(9) UM1866 New Idea 7 Foot Cut-Ditioner . . . $1,075
(10) IH Model 10 Grain Drill 16x7 With Double Disc Openers UM1868, Nice $1,850
(11) Badger 3 Beater Forage Wagon With Roof Mounted On 12 Ton Tandem Wagon
(12) 2 Shank Injector Kit For Liquid Manure Spreader May Need Some Hoses, UM1722 . $550 Ask For Merv
(13) Southeast Tagalong Trailer Tandem Axle, 10,000 GVW, UM1841
(14) UM 1822 John Deere 340 Offset Transport Disk Harrow, 12 Foot Only $2,650
(15) N-Tech Lagoon Pump, 25 Foot 540 PTO, UM1727 $4,600
(16) Used Rear Tractor Tires Good For Dual Wheel Use
(17) UM 1861 Athens Model 131 Disk Harrow, 14 Foot With Hydraulic Cylinder, Made For the Rocks $2,650
(18) Used Hi-Co 5 Foot 3 Pt Rotary Cutter UM1857 $280
(19) Used Farmall H Front Grill Section
(20) UM1765 New Holland 2 Beater Forage Box 14 Foot With Front & Rear Unload, No Roof $1,150 Or Best Offer
(21) UM 1798 John Deere 14 Foot AW Transport Disk Harrow $1,260
(22) UM1772 Oliver 252 11 Foot Transport Disk Harrow With Dual Transport Wheels
(23) UM1832 12 Foot Brillion Packer, No Transport
(24) UM1740 Amco 21 Ft Transport Hydraulic Wing Fold Tandem Disk Harrow With C Flex Bearing Hangers With Packer Hitch $7,250
(25) UM1778 Krause 1577 Transport Fold Disk Harrow 16 Foot With Packer Hitch . . . $6,250 Or Best Offer
(26) UM1796 Oliver 346 4 Bottom Mounted 16" Plow, Hydraulic Reset, Nice $2,250
(27) UM1706 8 Foot Cultipacker With New Bearings Good Condition, Best Offer!
(28) John Deere 10 Shank 3 Pt 3 Bar Chisel Plow, Very Good Condition, Like New
(29) New Holland 469 Haybine 9 Foot Cut With Good Crimping Rolls, Field Ready, UM1679
(30) UM1804 Better Bilt Hi Pressure Manure Pump 3 Pt 540 PTO At 800 GPM . . . $1,500
(31) Gehl 12 Ton Single Axle Wagon With Big Tires In Excellent Condition, UM1775
(32) UM 1854 IH 496 Wing Disk Harrow 19'10" With Rock Flex Hangers . $4,900
(33) UM1817 New Holland 26 Super Lift Blower 56" Fan, With New Band $985
(34) UM 1852 IH 370 Disk Harrow 10 Foot, Nice $1,375
(35) IH Coulter Chisel Transport Model 60 Conser-til, 11 Foot Working Width, With Hydraulic Lift Cylinders & Hoses, UM1567
(36) UM1770 Brady #1440 Flail Chopper, 12 Foot Working Width
(37) UM1834 Noble 6 Row 3 Pt Cultivator With Danish Tines, Come & See!
(38) Work Saver Electric Spinner Seeder To Fit ATV Vehicle, 3 Bushel Capacity Only $225
Lots Of Miscellaneous Tractor Weights, Also Grill Guard & Reg Style Front End Weights Frames For Case 1290 & 1390 Tractors And 1294 And 1394 And 1494 & 1594 Tractor Frames
(39) UM1816 Hesston PT10 Mower Conditioner 9 Foot With Stub Guards
(40) UM1810 John Deere 13 Foot Transport Disk $1,050
(41) UM1781 Ontario 16x7 Grain Drill With 9x20 Tires, Acreage Meter Counter, Good Clean Drill $1200 Or Best Offer

SUPER DEALS ON CASE SUPER E 4 WHEEL DRIVE BACKHOES WITH CABS!

Call 1-800-487-2978 or 717-626-4705
Ask For Merv Nissly

* RESIDUAL LEASE SUBJECT TO CREDIT APPROVAL.

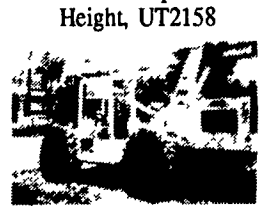
See Us For All Your New & Used Tractor Needs! Call 1-800-487-2978 or 717-626-4705

Like New Case 1835C Diesel Uniloader Aux. Hydr.- Factory Engine Modifications Updated. Ready For Hard Work! *Come & Make A Super Deal!*

Engine-Driven Good-Running Quality **New Holland 310 Baler** w/Super Sweep Pickup

Can Be Pulled By A Tractor Or Horses - *Make A Deal Now!*

Dynalift Exten-A-Boom Diesel Forklift With 4 Wheel Drive Crab Steering, 6000 Lb. Lift, Extends Out With A 17' Reach And Up To 34' Height, UT2158

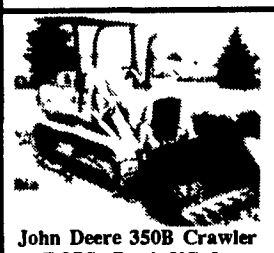


Don't Miss This One! IH 615 Combine With 14 Foot Grain Table & 2 Row Head, UT2467

Quick Attach

Reasonable Priced Eligible For 9.9% Financing With **$700 Down Payment**

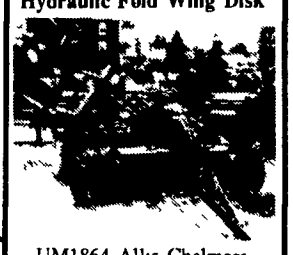
Case 450B 6 Way Dozer w/ROPS, 2900 Original Hrs. CASH **$15,800** Or Lease For $533/Mo.*



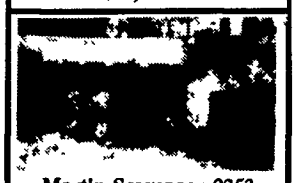
John Deere 350B Crawler w/ROPS, Good, UC, Low Hr., Exc. Condition w/Hoe Brackets
Cash $10,800
Or Lease $371 Mo.*

Case 1150 Diesel Crawler Loader With Rear Mount 3 Shank Ripper, Owner Operator Maintained, In Very Good Condition Undercarrige 95% New, Engine Rebuilt With New Crankshaft In Last 1½ Years, Must See This Machine To Appreicate The Quality UT2279 Ask For Merv!
$13,800
Financing Available!

Real Nice 18 Foot Hydraulic Fold Wing Disk



UM1864 Allis Chalmers With Good 22" Blades, Dual Transport Wheels, With 2 Row Type Harrow, Greasable Bearings, Good Paint, This Good Quality Disk Harrow Only
$2,250



Martin Scavenger 2253 Gallon V Spreader w/ 16x16.1 Flotation Tires **Ask For Amos Sr.**

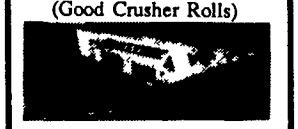
Nice Clean John Deere 220 Center-Fold Double Offset Design With Rockflex Bearing Hangers

Complete With Hydraulics, 21' UM 1858

8.9% Financing For 2 Years!
Super Boom Mustang 445 Hydro Skid Loader
w/44 HP Perkins Diesel Power

New 65" Bucket
Good Tires, UT 2361
Get A Super Deal!

New Holland 469 Haybine
(Good Crusher Rolls)



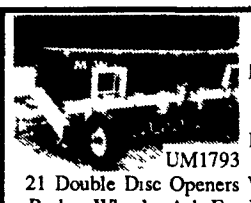
Field Ready ~~$2,975~~
Towaway Special $1,900

GOOD DEALS ON GOOD TRACTORS

Financing And Lease With Purchase Options Tax Deductible Available Now!

(1) Oliver 66 With 1 Set Of Hydraulic Remotes And Live PTO, Excellent Condition, Collector Material, UT2287
(2) Allis Chalmers G With Hydraulic Cultivators UT2288
(3) UT2425 Case 53 HP Diesel Tractor, Model 990 With Loader, 1 Owner, Only 1977 Hrs. $7,950
(4) UT2436 Case 1212 Diesel Tractor 65 HP Rating With 4 Speed Power Shift And 3 Ranges, With Cab, 18.4x30 Rear Tires, Hydraulic Remote, 6 Front End Remotes, New Clutch 1 Year Ago
(5) UT2438 Used Case IH Model 585 2 Wheel Drive 52 HP Tractor, Diesel, 1732 Hrs. . . . . **Cash Special Price $9,800**
(6) UT2434 Used Case IH 385 2 Wh. Drive Diesel Tractor, With 668 Original Hrs , With Case Tops Warranty $9,800
(7) UT2431 Case IH 1594 85 HP Diesel, 6 Cylinder Tractor With 4 Speed Powershift, Total 12 Forward Speeds, 540-1000 PTO . . . . . **$13,900 Cash Price**
(8) UT2478 Oliver 1755 Diesel Tractor With Cab, Nice
(9) John Deere 3020 Wide Front Gas, Power Shift
(10) Used Case IH Model 1896 Tractor With 4 Post ROPS, Power Shift, 540-1000 PTO, 95+ Cummins Diesel With Case Tops Warranty Till 8-29-92 Or 4000 Hrs Whichever Comes First, Good 18 4x38 Rear Tire, Nice
(11) UT2460 IH 674 Diesel Row Crop Tractor With 16 9x30 Rear Tires, New Clutch, Hydraulic Outlet **$7,650 Or Best Offer**
(12) UT2278 Case 1070 Cab Diesel Tractor With Power Shift.. $9,600 OBO
(13) UT2389 White 2-105 With Cab, 540-1000 PTO, 7 Foot Weights, 540-1000 PTO, Good 18 4x38 Rear Tires, 11Lx15 Front Tires
(14) UT2455 Ford 5000 Diesel Tractor With Rebuilt Select-O-Speed, 13 6x38 Rear Tires ⅓ Tread
(15) UT2441 John Deere 2640 Utility Type Tractor With 16 9x30 Rear Tires, Single Remotes, Nice
(16) Farmall Super M Tractor, Narrow Front With Power Pac, Engine Overhauled 500 Hrs Ago $1,580
(17) UT2343 Farmall Super A With Woods Mid Mount Mower 60' Cut Width, Has PTO, Rear Weights, Hitch, Lights And Nice Paint $2,550
(18) UT2488 Good Quality 1200 David Brown Diesel Tractor, 65 HP Rated, Diesel
(19) UT2493 IH 3688 1984 Model With All Wheel Drive Rated 13 HP 18.4x34 Radial, Good TA
(20) UT2487 IH 5088 Tractor With 20 8x38, 540-1000 PTO, 2 Remotes, Very Clean, New Rubber, New Paint
(21) UT2446 Farmall M With Wide Front, New Paint
(22) UT2414 IH 574 Utility 52 HP Gas Powered Tractor With Only 2750 Hrs., Nice Clean Tractor . . . . . **$5,850 Or Best Offer**

Vermeer 540C Round Baler UM1697
~~$2,900~~
MAKE OFFER!



If You Need Penetration In Hard Soils, Here It Is Heavy Duty M&W No-Till Drill UM1793
21 Double Disc Openers With Double Packer Wheels. Ask For Don Hoover

We Have (2) Used Late Model Forklifts Ready For Work!

Excellent Cond. 1988 Harlo HF456 Approx. 50+ Horsepower, 21' Mast 5000 Lb. Lift, Power Shuttle Reverser Shift, Nice Clean Operator Platform, UT2283
$18,500
With Side Shift & Tilt, Only 834 Hrs. Original

1985 Case 586D 21' Mast, 6000 Lb. Lift, With Side Shift & Tilt, Only 843 Original Hrs. UT2284
$18,900

John Deere 450C Crawler Loader 1974 Model, Pins & Bushings, Like New, Sprockets & Pads 90% Rear Counterweight & Drawbar UT2280 **$12,950**

PRICE REDUCED

USED 52 HP 585 DIESEL TRACTOR 2 WD, ROPS,

Frame, 540 PTO, 750x16 Front Tires
ONLY **$9,800**

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BEFORE YOU BUY ANY BRAND OF HAY EQUIPMENT - CHECK WITH BINKLEY & HURST BROS., INC. FOR GOOD QUALITY HAY TOOLS!

We Have: • Mower Conditioners 9'3" • Disc Mower Conditioners 9'3" • Swing Frame Mower Conditioners 12' • 3 Pt. Disc Mowers • Rollabar Rakes • 3 Pt. Sickle Mowers • Rotary Rakes & Tedders • Square Balers • Round Balers • Forage Harvesters • Forage Blowers • Forage Boxes

CASE INTERNATIONAL 8340

This 9 ft. 3 in. (2.82m) deluxe model includes all the operating and convenience features you need for fast, efficient crop processing.

IN STOCK FOR MOWING PLEASURE!

You don't have to worry about plugged conditioner rolls in heavy crop conditions either Should crop slugs feed into the rolls a unique eccentric linkage on the roll pressure spring assembly permits the rolls to temporarily separate allowing the slug to pass through The rolls then automatically return to the preset roll pressure

Outstanding vertical and radial flotation ensure the header hugs the ground through every contour Yet adjustment has never been easier Each wheel assembly on the 8340 is equipped with flotation springs that are easily accessible for initial adjustment Further adjustment can be achieved when cutting height changes are made at the skid shoes by simply inserting stop collars on the master and slave cylinders

HEAVY DUTY OIL BATH DRIVE-COME & SEE !!!

For pure performance in a 9-foot (2 74 m) mower conditioner, you can't beat the 8340 from Case IH This model combines the productivity of a 9 foot 3 inch (2 82 m) cutting width with the deluxe features you'd expect to find only on larger machines

For starters, the heavy, box-beam tongue is hydraulically positioned from the tractor seat so you can switch from field to road position in seconds Plus, it lets you steer around field obstacles without driving over adjacent windrows

Plenty of crop gathering capacity begins with a low-maintenance sickle that runs at a fast, smooth 1700 stokes-per-minute Bolt-on sickle sections are even standard equipment for quick, convenient section replacement

USE OUR SPECIAL LOW RATE FINANCING OPTIONS:

Waiver Till 9-1-91 OR Low Rate Financing -

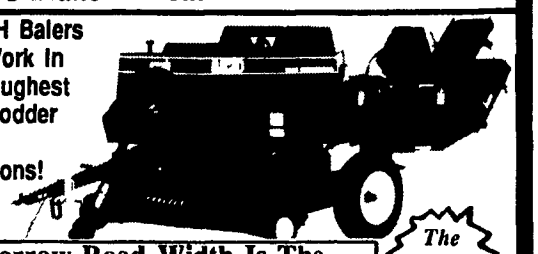
• 18 Months - 0% • 36 Months - 8.9% • 60 Months- 10.9%
• 24 Months - 6.9% • 48 Months - 9.9%

OR Special Cash Or Lease With Purchase Options

★ *Let's Make A Deal Now* ★

New Case IH 3 Pt. Rotary Tillers -
49" Model T152
57" Model T160
Good Quality At A Very Reasonable Price!

Case IH Balers That Work In The Toughest Corn Fodder Baler Conditions!



Narrow Road Width Is The Key To Safety On Case IH Balers

The Easiest To Pull & Safest To Operate!

Buy This Baler With Or Without Thrower - *Don't Wait, Only One Each Available And At Pre-Season Prices*

JUST ARRIVED!

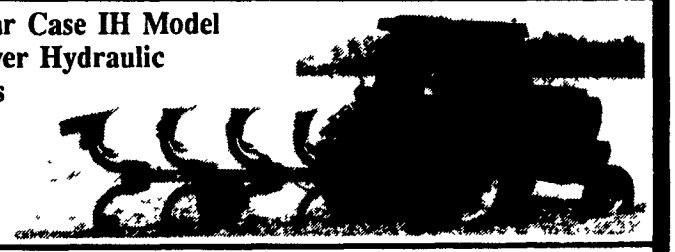
New 3 Pt. Case IH 60"x72" Finish Mowers - *Buy Early - Save $*

Open The Ground & Let The Water In with A CASE IH MODEL 10 SUBSOILER CHISEL. Rugged V-Frame & Parabolic Curved Shanks Give You Easy Pull & Soil Fracturing Advantages 8'3" Frame w/5 Shanks & Gauge Wheels

NC3496 & NC3497

New Popular Case IH Model 145 Roll-Over Hydraulic Reset Plows Are Here!

18" - 3 Bottom & 4 Bottom



GOOD DEALS ON NEW CASE IH VIBRA-SHANKS

If You Need Narrow Transport Width, See Binkley & Hurst For Specially Built Narrow Transport Case IH Vibra-Shank Field Cultivators

In Stock With These Features: (Narrow Fold Specials)
(1) New 16½ Ft.
(1) New 15½ Ft.

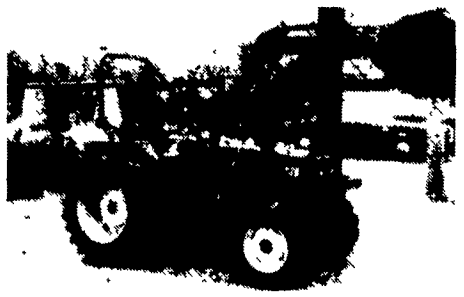
Designed With Long Tongues For Dual Wheels, Large Flotation Tires, Hydraulic Fold, Transport Width Under 11'6"

Get A Good Deal On These Non-Fold Vibra Shanks Which Are Pull-Type Models!
(1) New 14½ Ft.
(2) New 12½ Ft.
(3) New 11½ Ft.
(1) New 9½ Ft.

Stop In Now & Get A Super Deal On Case IH Quality!

BUY THE BEST, BUY CASE IH

Ready To Work! Case IH Model 275 All Wheel Drive



- Walkthrough Platform Scale
- Fold-down Rops
- Quick-Attach Roll-Out Loader
- 31 HP Diesel

Come In, Let's Make A Deal!

If You Have Hard Soil Conditions - You Need A Case IH Ripper!

CASE IH 3 PT. AUTOMATIC RESET RIPPER SUBSOILERS HAVE PROVEN TREMENDOUSLY INCREASED CROP YIELDS BECAUSE THEY OPEN THE HARD PAN AND LET THE WATER IN—THEY ALSO ALLOW YOUR SOIL TO BREATHE

New Case IH Model 14 In Stock 5 Shank Auto-Trip Reset

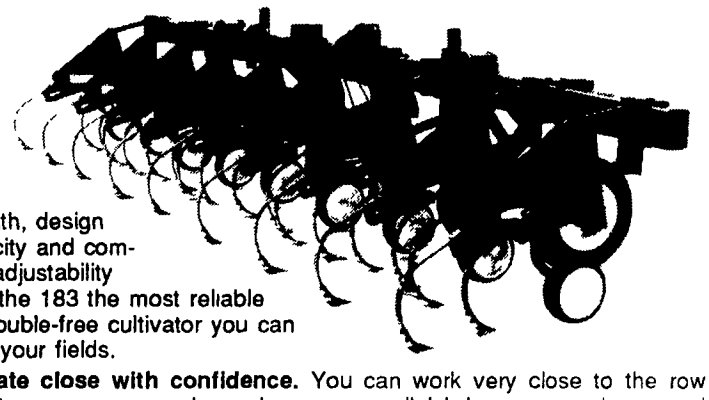
Call & Ask For Rick Or Landis!

Economy Model 10 In Stock

NEW CASE IH 4 ROW & 6 ROW ADJUSTABLE 183 REAR-MOUNTED CULTIVATORS

IN STOCK!

For working close to the row at high speeds, this is the simplest, most rugged cultivator you can own.

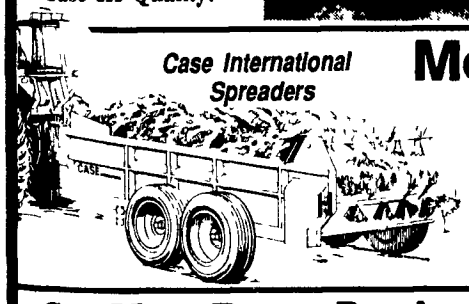


Strength, design simplicity and complete adjustability make the 183 the most reliable and trouble-free cultivator you can put in your fields.

Cultivate close with confidence. You can work very close to the row without swaying or wandering because parallel linkage gangs have rigid side-to-side alignment. Gang wobble is minimized because special nylon washers in the lower pivot holes allow the linkage to be drawn up tight for long lasting rigidity. And, to save you time, washers never need lubrication.

Work at uniform depth. Independently mounted gangs are free to ride up and down over uneven terrain. Because ground working tools on each gang hold their preset working.

Case International Spreaders



Move it out fast!

1 Only In Stock! New Case IH 595 Tandem Axle Spreader

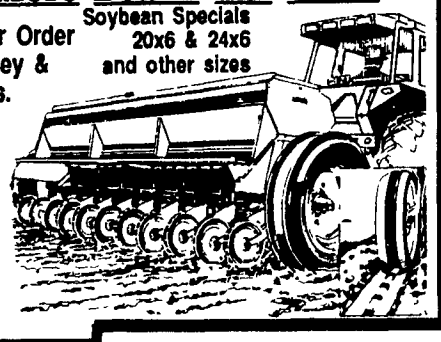
If you have a lot of manure to spread throughout the year, we have good news for you six big-capacity, high-strength Case International spreaders

343 Cu. Ft. - *Factory Fresh Special Deal!*

Get More Beans Per Acre!

Place Your Order With Binkley & Hurst Bros. Inc. For Your Case IH 5300 GRAIN DRILLS Now!

Soybean Specials 20x6 & 24x6 and other sizes



UP TO $4,700 OFF ON THIS NEW TRACTOR

Get A Super Deal NOW! Case IH 685 All Wheel Drive 62 HP Diesel

Available In Shuttle Or Power Shift, Dual Shaft PTO 540-1000, 2 Hydraulic Valves With 18.1 GPM

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Come in now for...

BIG SAVINGS AT case ih DOLLAR DAYS!

30 days only! Gigantic savings, incredible values!

5 Gallons No. 1 Oil
$4.00 Instant Rebate

Popular Case IH Batteries
$5.00 Off

Save $100.00 on 100 lbs. of hardware and bin
Now Only $144.50

Gauge Wheel Tire Assembly
Save $10.00 Each

...and Many More Great Dollar Days Deals!

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Now through June 30th at:

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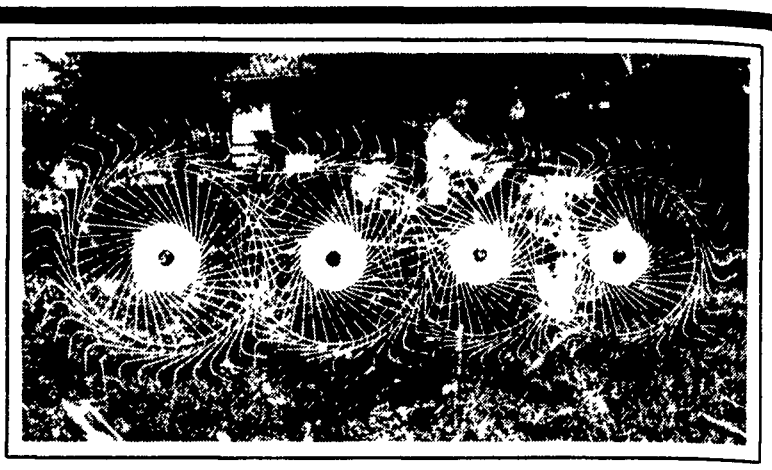
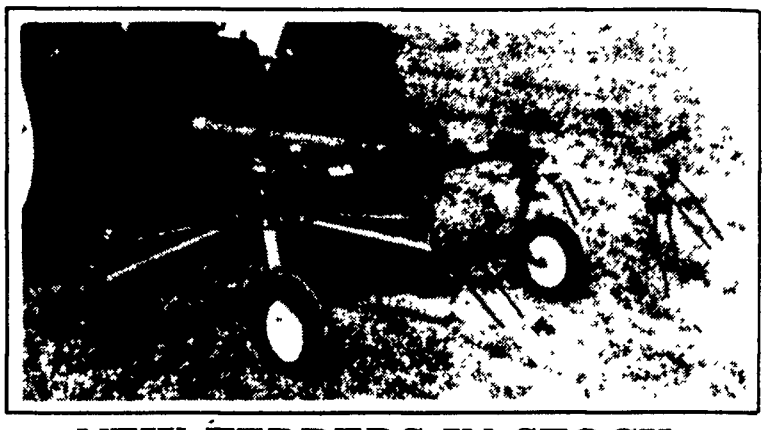
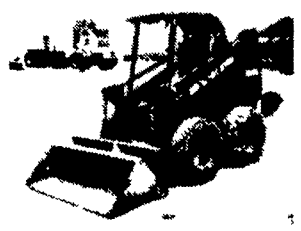


NEW WHEEL RAKES IN STOCK FOR 9' MOWERS
$1,295



NEW TEDDERS IN STOCK FOR 9' MOWERS
$1,295



Good Running
Gehl 4400 Skid Loader
44 HP Hydrostatic
With Bucket & Fork
UT2496 $2,960

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NEED A QUALITY DISK HARROW TO GET YOU GOING?
CALL BINKLEY & HURST FOR A QUICK DELIVERY!
BINKLEY & HURST BROS., INC. HAS ALL YOUR HEAVY DUTY TILLAGE NEEDS!

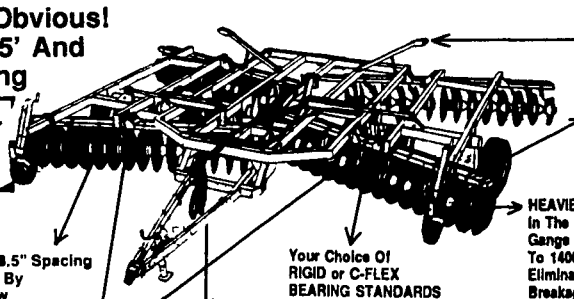
SUNFLOWER SUPERIORITY - PROVIDES THE QUALITY YOU DEMAND

TAKE A LOOK!

WHY BUY A SUNFLOWER DISC HARROW?

The Reasons Are Obvious!
Sizes From 10'-15' And 18'-32' Folding

Check Out The Rest - Then Buy The Best! SUNFLOWER



TRANSPORT WIDTH On Wing Units Up To 24'2" Working Width Is A SAFE 12'4".

3 YEAR WARRANTY On Triple Lip Sealed Trunnion Mounted, Regreasable BEARINGS

WING GAUGE WHEELS Eliminate Gouging

HEAVIEST AXLE SHAFTS In The Industry - 1¼" Dia. Gangs Are Hydraulically Torqued To 1400 Lbs. & Spring-Loaded To Eliminate Loosening, Wear And Breakage.

BLADES: ¼ "x22" or ¼ "x24" On 8.5" Spacing 3 Sided Blade Prevents Erosion By Eliminating A Continuous Furrow

Your Choice Of RIGID or C-FLEX BEARING STANDARDS

DOUBLE OFFSET DESIGN Provides Maximum Leveling Without A Middle Buster Or Center Tooth

SELF-LEVELING HITCH Maintains Level Setting Regardless Of Desired Depth Or Tillage Application

SUNFLOWER RIPPERS

Check Out These Features:

- ✔ 10'-18' Frame
- ✔ 3-9 Shanks On Infinite Spacing From 15"
- ✔ 36" Under-Frame Clearance
- ✔ Heavy Duty Trip Mechanism Allows Shanks To Trip Back 36"
- ✔ 2" Slip-In Spindles On 2 Or 4 Wheels
- ✔ 16" Upward Tripping Clearance On Auto Reset Shanks

★ VERSATILE
★ ADAPTABLE
★ TOUGH
★ PROVEN

✔ GREAT PRICE VALUE!!

- 10'&14' Frames In Stock
- We Will Install Your Choice Of Number Of Shanks To Match Your Tractor Horsepower

GET A SUPER TAX DEDUCTIBLE LEASE ON QUALITY SUNFLOWER TILLAGE EQUIPMENT

WHEN IT COMES TO WORKING ON ROCKS...
WHEN IT COMES TO RESALE...
WHEN IT COMES TO WEIGHT...
WHEN IT COMES TO CUSTOMER EXCEPTANCE & REPEAT SALES...
WHEN IT COMES TO LARGE AXLES (1¾" Is Standard On All Models)...
YOUR ANSWER IS
SUNFLOWER!

See Binkley & Hurst, Inc. Soon To Buy The Best - SUNFLOWER

TRANSPORT WIDTH

Go from field working to highway transport in seconds. Transport width on 18'-21'-24' units are only 12'4" barely the width of your dual wheels, leaving plenty of room for traffic to pass. Transport height is within legal limits

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Sun. Closed - Lord's Day

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Wed. 7 AM to 5 PM Sat. 7 AM to Noon

SAVE UP TO $10,000 ON A NEW CASE IH 2096 ALL WHEEL DRIVE TRACTOR

115 to 120 HP

With Power Shift, Cab & Air

More power and longer life

2096

Case-Cummins Diesel Power, 540-1000 Reversible PTO

IN STOCK

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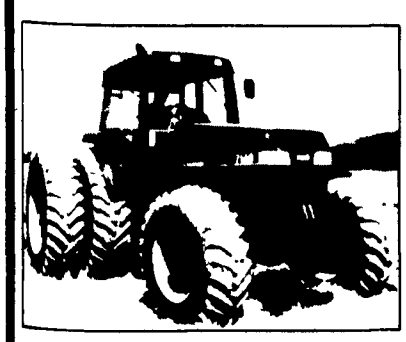

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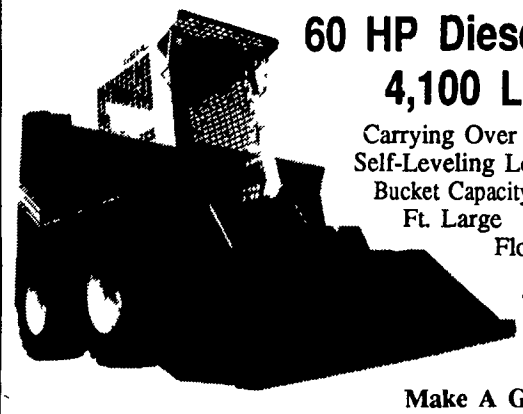

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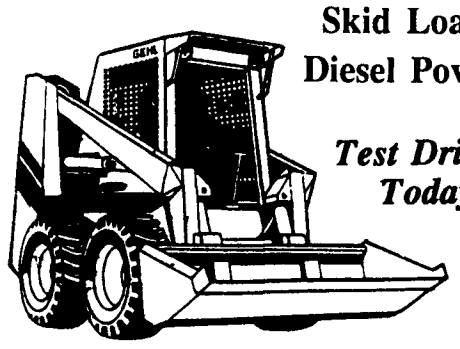

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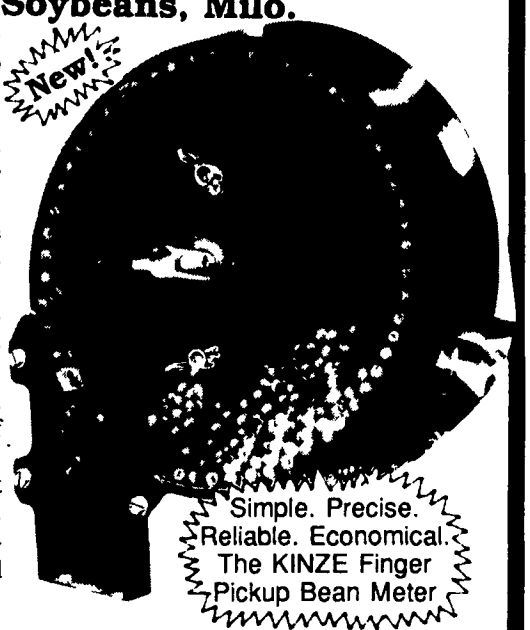

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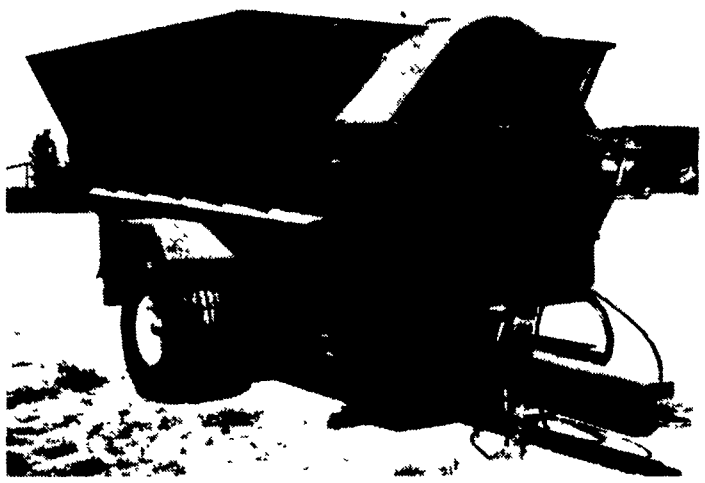

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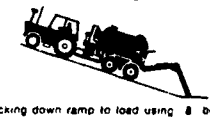
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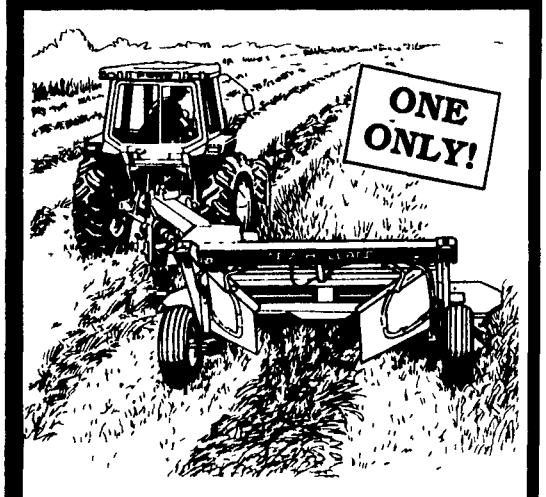

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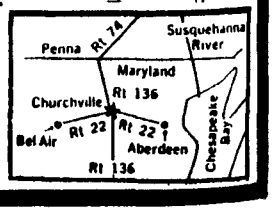

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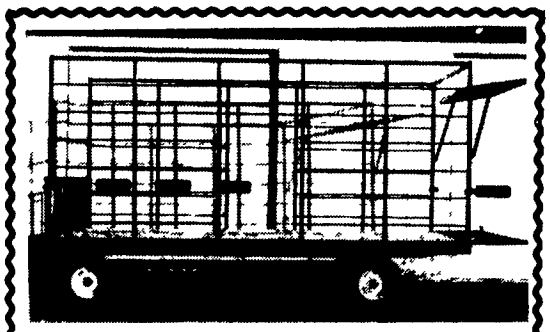

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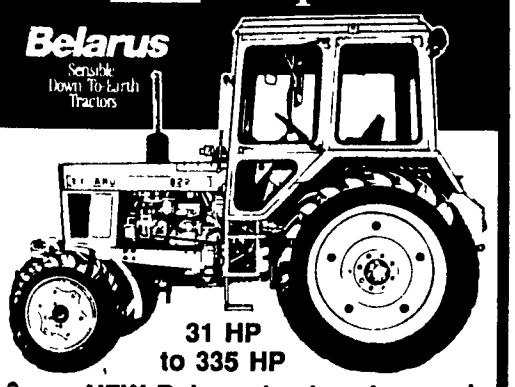

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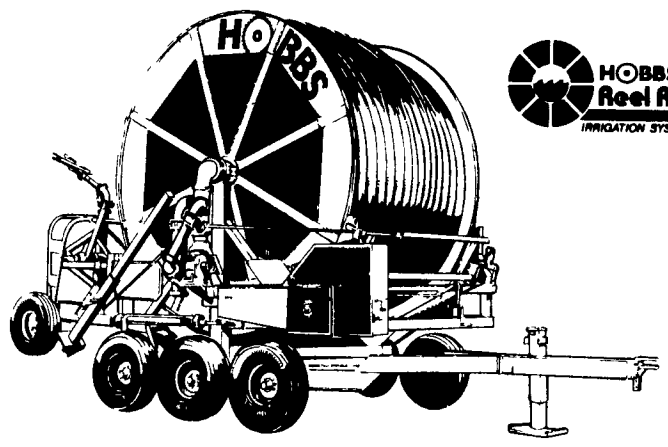

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	NH 310 Baler
Grimm Tedder - New	NH 30 Forage Blower

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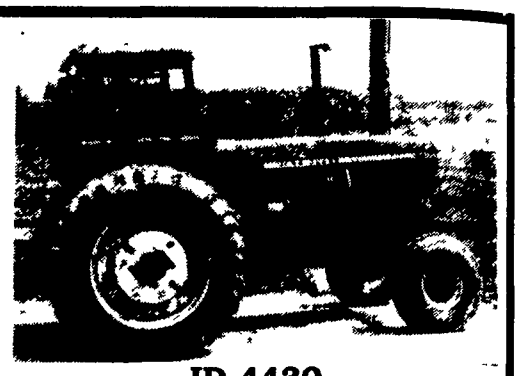

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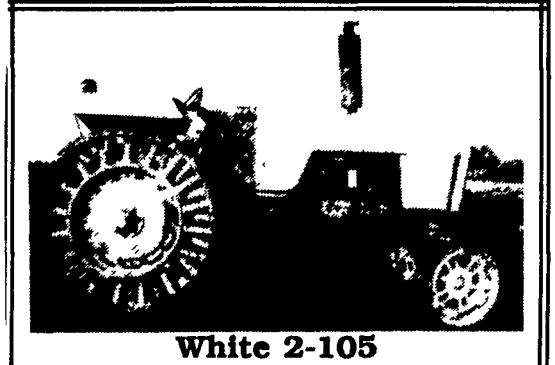

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Case 2390, Cab, Power Shift
Case 580B Loader Backhoe
Case IH 485, MFD, Low Hrs.
Ford 4500 Loader Backhoe
Gehl 4500 Skid Steer
Case 32 Backhoe Only

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JD 7000 Corn Planter 6RN
Gehl 135 Grinder Mixer, Scales
JD Grinder Mixer w/Scales
NI 904 Corn Planter, 4 Row N, Extras
IH 800 Corn Planter, 4 Row
Glencoe 12' Field Cultivator
NI 323 Corn Picker
Oliver Superior Grain Drill, 12x7
NI Manure Spreader, 90 Bu. Like New

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NH 1495 Self-Propelled Haybine, Dsl., Cab
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NH 489 Haybine, 9' Cut
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 1495 Self Propelled, Gas, Vari Speed
NH 27 Forage Blower
Gehl 1090 Mower Conditioner

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IH 430 Baler

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JD 4020, side console
JD 4020, '67 model
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Ford 9700, cab & air
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Deutz DX140, cab & air, 4WD
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AC 200
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IH 1066, cab & air.....$9,000
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IH 560 gas
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White 2-105, cab & air, 4x4
White 2-135, cab & air
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Oliver 1850 diesel w/3 spd.
Oliver 1655, 4WD
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MF 1135, cab & air, excellent condition
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Case 450 w/6 way blade
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Woods 1860 Mowing Machine
Grasshopper 1622 Mowing Machine
IH B 414
IH 140
Farmall H
IH 674 2250 Loader

USED EQUIPMENT

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Little Giant 26' Elevator
Case 1737 Skid Steer
Hydra-Mac 8C skid steer
IH 475 disc, 12'
IH 35 Rake
NH Bale Wagon
IH 800 Planter
Case IH 8520 Round Baler
Kuhn FC 200 6'7" Mower Conditioner
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IH 1206 Tractor, 1966 Yr. 5000 Hrs., 6 Cyl. Diesel w/Turbo, 540/1000 PTO, 2 Rear Remotes (W5730)
IH 100 Hydro Tractor, 6 Cyl. Diesel, 18.4x38 Tires, 540/1000 PTO, 3 Pt. Hitch, 3 Rear Remotes (W5714)
IH 966 Tractor Diesel, 8784 Hrs., 18.4x38 Tires (W5109)
IH 5288 Tractor 1981 Yr. 2603 Hrs. 20.8x38 Tires w/Duals, 3 Hyd. Valves (W5999)
IH 5088 Tractor 1981 Yr, 2653 Hrs., 6 Cyl. Diesel, 3 Rear Remotes, 18.4-38 Tires, Duals (5649)
IH 1086 Tractor w/3400 Hrs., 2 Remotes, 540/1000 PTO, 3 PT. Hitch, 20 8x38 Tires (W5103)
Steiger ST300 Tractor, 300 HP Cat 3900 Hr., 20.8x34 Tires (W5087)
IH 1586 Tractor, 1979 Yr. 18.4-38 Tires, 20.8-38 Duals (W5796)
IH 884 Tractor, 1982 Yr., 1738 Hrs., 4 Cyl. Diesel, 1 Rear Remote, BK Heater (W5669)
JD 2440 Tractor, 1979 Yr., 3139 Hrs., 4 Cyl Diesel, 3 Pt. Hitch, 15.5x38 Tires (W5490)
AC 6080 Tractor, Diesel Engine, 2WD, 2 Rear Remotes (W6054)
IH 806 Tractor w/Cab, Diesel Eng., Duals, Ft. Wt. (W5731)
IH 966 Diesel Tractor, 18.4x38 Tires, 5787 Hrs., 1000/540 PTO, 3 Pt. Hitch, 2 Remotes (W4945)
Case IH 9130 Tractor, 600 Hours, w/Steerable Front Axle (W6085)
IH Model 3514 Ind. Tractor w/Loader, 75" Bucket, 4 Cyl Diesel, Hydro, Yr. 1968, 2500 Hr. (W4936)
IH 656 Hydro Trans., 15.5-38 Tires, 2 Pt. Hitch, 1 Rear Remote (6030)
IH 706 Tractor, Narrow Front, Gas, 18.4x34 Tires (W4312)
IH 5088 Tractor, 1982 Yr., AC, Heat, Radio, 4 Hyd. Valves, 18.4x38 Tires w/Duals (W6033)
IH 484 Tractor-Diesel, 14.9x28 Rear Tires, 2200 Loader w/72" Bucket (W6122)
Farmall M Tractor-Gas, 6.0x16 and 12.4x38 Tires, Rear Weights (W6089)
IH 3088 Tractor, Diesel, Dual PTO, 18.4x38 Rear Tires, Cab w/AC, Heat, Radio (W6078)
Steiger ST251 Tractor, Series III, 3 Point Quick Hitch, 20.8x38 Tires (W6155)
IH 400 Tractor, Gas, w/NI 2 Row Mounted Picker (W6143)
Case IH 275 Tractor, Diesel (MFD) w/10 QA Loader & 48" Bucket w/ Teeth (W6142)
JD 4010 Tractor, Diesel, 2WD, Dual PTO, 9.5Lx15 and 18.4x38 Tires (W6110)
IH 560F Tractor, Gas, 2WD, 540 RPM PTO, w/IH 120 Side Mount Mower (W6036)
JD 8630 Tractor, Diesel, 4 WD, 3 Point Quick Hitch, Cab w/AC, Heat, Radio, Quad Range (W6009)
Case W14 Tractor, Articulated Wheel Loader, Cab w/47" Material Bucket (W5981)

USED PLANTERS & DRILLS

JD 8300 Drill, 21x7, DD Openers, Grass Seeder, Depth Wheels (V6060)
Krause 5213 No-Till Drill, Press Wheels, Good Condition (V5492)
IH Model 510 Drill 16x7 Single Disc, GS Attachment (V5550)
IH 5100 Drill 21x7 w/SS Attach., Single Disc, Fert. Compartment (V4955)
Great Plains Folding Drill 24' Seed Width 7" Sp, 13" DD Openers 2x13 Press Wheels (V5879)
Great Plains 12' No-Till Drill (V4607)
IH 800 Planter 6R Narrow Fert. w/Cross Auger, Insecticide Hoppers (V5035)
JD 7000 Planter 6-30" Rows, Unit Mounted, No Til Coulters, Liq Fert w/Yetter Openers, Insecticide Units (V6119)
NI 9000 Planter 6-30" Row, Kinze Planter Units, Liq. Fert. w/Demco Pump, No-Til Coulters (V5863)
AC Bean Planter, 10 Row Units, 20" Spacing, No-Til Coulters (V5797)
JD 750 Drill, Used f/Only 3 Acres NEW, 15' No-Til, Dolly Whls, Grass Seeder (V6161)
Krause 5213 Drill, 7½" Spacing, 13" No-Til Coulters w/Cylinders, Hoses, Rubber Press Whls (V6135)
Black Machine Planter 12RN w/13R Bean Planter, Very Good Condition (V6062)

USED COMBINES & CORN PICKERS

IH 915 Combine 1976 Model, Diesel Engine, Hydro Trans (U5690)
IH 715 Combine Diesel, Gear, 18.4x26 Tires (U5763)
MF 550 Combine Diesel, Hydro, w/Strawchopper, 15' Flex Platform (U5733)
JD 55 Combine, Gear, w/12' Rigid Platform, 3 Row Cornhead (U5604)
IH 1440 Combine 2760 Hrs., 28Lx26 and 11.00x16 Tires, Auto Header Control, AC/Heater (U4817)
IH 1460, 1979 Model, Grain-Loss Monitor, 30.5x32 And 18.4x16.1 Tires (U4744)
Gleaner F2 Combine, Eng. Has 1503 Separator Hr. 1041 #5634 4 WD Corn Head #5635 13' Flex Platform (U5634)
MF 750 1978 Model Very Clean, Excellent Condition (U5559)
Case IH 1660 30.5Lx32, 18.4x16.1 Tires Cab w/Air, Hr. Cl Grain Scan, Feeder Reverser (U5568)
IH 715 Combine Gas, Gear, Cab (U4078)
AC Gleaner M Combine, Diesel, Turbo w/438 Cornhead, 13' Header (U5702)
IH 1460 Combine 1983 Model, 3500 Hrs. (U5595)
IH 715 Combine Diesel, Gear, 18.4x26 Tires (U3080)
NI 2 Row Cornpicker w/314 Sheller (U5670)

USED HAY & FORAGE

Hesston 6610D Windrower, 12' Cut, Steel Rolls, Cab w/AC Diesel Eng. w/1724 Hrs. (U6055)
IH 241 Round Baler, 60" Bale Width, 540 PTO (U5915)
IH #8 Flail Chopper, 6' Cut, 540 PTO, Hyd. Lift, Knives Good (U5956)
Hesston Model 1090 Mower-Cond., 9' Cut, 540 PTO (U5753)
JD 336 Baler w/Kicker (U5795)
JD Model 1508 Flex Wing Mower, 1000 PTO, 15' Cut, Solid Tires (U5715)
Woods Mower 20' (U5935)
JD Mower 15' (U6035)

MISC.

United 6 Ton Fertilizer Spreader, Tandem Axle, w/11Lx15 Tires (V6134)
John Bean 400 Gallon Sprayer, Trailer 35 GPM Pump, Dual Agitator, 40' Boom (V6090)
Zimmerman 260 Gal. Saddle Tanks, Upright (V5845)

USED TILLAGE

IH 490 Disc, 24'9" Spacing, 21¼" Frnt., 20" Rear Blades (T6069)
IH 470 Disc, 18' Rigid, Manual Fold w/Springs, w/Rear Hitch (T6021)
IH Offset Disc, 12' Cut, 20" Blades (T6004)
Krause 2416 Rockflex Disc, Regreasable Bearings, New 24' Blades & Paint, 26" Cutting Width (T5538)
Krause 2413 "Rockflex" Disc 23' Cut Blades Fr. 20", RR 22" (T5858)
Krause 1588 Disc "Rockflex" 17.5' Cut Blades 20" FT, 21" RR, Scrapers, Sealed Bearings (T5934)
JD 235 Disc, 25' Cut, Rockflex Double Wing, Dual Wh Center, Single Wh. Wing, Blades 14" Ft., Frame Good 15" RR (T5846)
JD Disc (Transport) 10' Cut, Blades 17" Ft, 18" RR, No Cyl (T5922)
JD 220 Disc, 18' Cut, Blades 20" Ft., 21" RR, Scrapers (T6079)
JD 210 Disc, 13' Cut 9" Spacing, Cyl & Hose, Blades Ft. 20" Notched, RR 20" Smooth (T6064)
JD 9' Offset Disc, 20" Blades, New Paint, Hyd. Cyl & Hose (T5847)
JD 220 Disc 20' Cut, 20" RR Blades, 21" Ft Blades, Good Condition (T5782)
Taylorway 12' Offset Disc, Hyd Cyl, Rear Hitch, FT Blades 24" (T5760)
White Model 281 Disc, 10' Offset, Blades Ft.-New, Blades Rear-New (T5551)
JD 2800 Plow 4-18" Auto-Reset Coulters (T6002)
IH 710 Plow, Auto-Reset 5-18" Bottom Coulters, Gauge Wheels (T5785)
IH 165 Rollover Plow, 5F-16" Like New (T5982)
IH 720 Plow, Toggle Trip, 6-18" Bottom, 17" Coulters, Gauge Wheel (T6020)
JD 14' Packer, Rear Transport Wheels, Has Cyl. & Hoses (T5587)
Brillion Cultimulcher 13'8" Wide S-Tines w/Spe Control (T5851)
Dunahm Lehr 10 Ft. Transport Peg-Tooth Harrow (T4367)
Ford 13 Shk. Chisel (T5573)
JD 724 Field Finisher 12' Cut, 19 Shanks w/5 Bar Tine, 15" Coulters, 7" Spacing, Tandem Wheels (T5882)
Athens 131 Disc, 12' Spacing, 9½" Front And Rear, Blades, 22" Front and 23" Rear (T6015)
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(1) KM 321 Mower
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MISCELLANEOUS

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(1) MF 375-2 Tractor
(1) MF 375-4 Tractor w/Cab
(1) MF 1020 Hydro w/Loader
(2) MF 1035 Tractors
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(2) MF 3 Pt. Disc Harrows

Vermeer

(1) 147 Grain Drill - New
(2) Bale Wrappers
(3) 504 IS Balers
(1) 107 No-Til Drill (Rental)

USED BALERS
(1) 605 E (1) 605 F

(2) Pull-Type Silage Bale Wrapper

USED EQUIPMENT

(1) International 1300 3 Pt. Mower
(1) Ford 9N Tractor
(2) MF TO-30 Tractors
(1) Case IH 5100 24x6 Drill
(1) IH 656 Hydro Utility Tractor
(1) IH 1066 Tractor
(2) Tye 80' No Til Drills
(1) KM 281 Mower Conditioner

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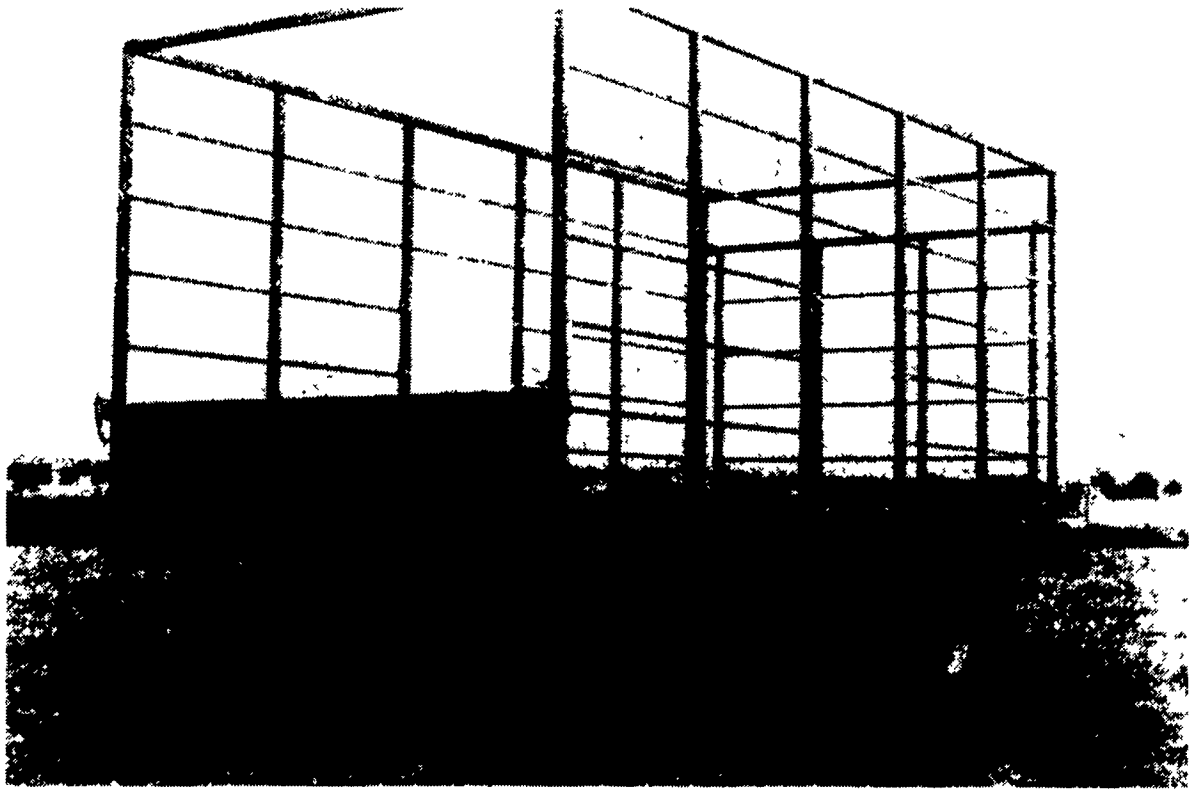

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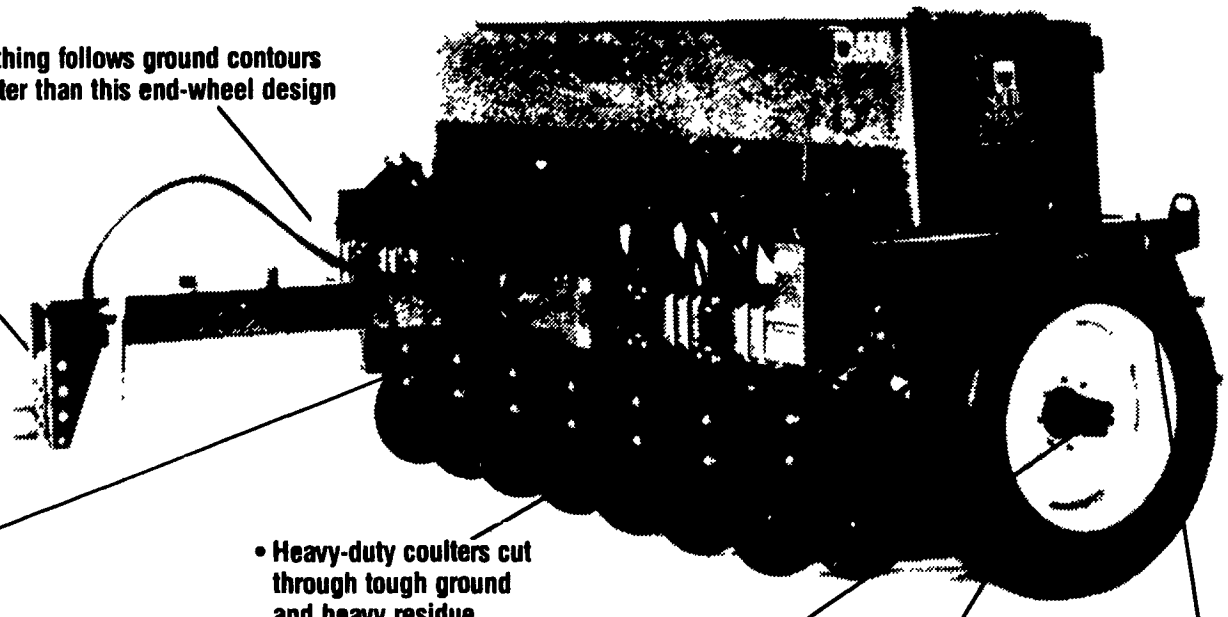
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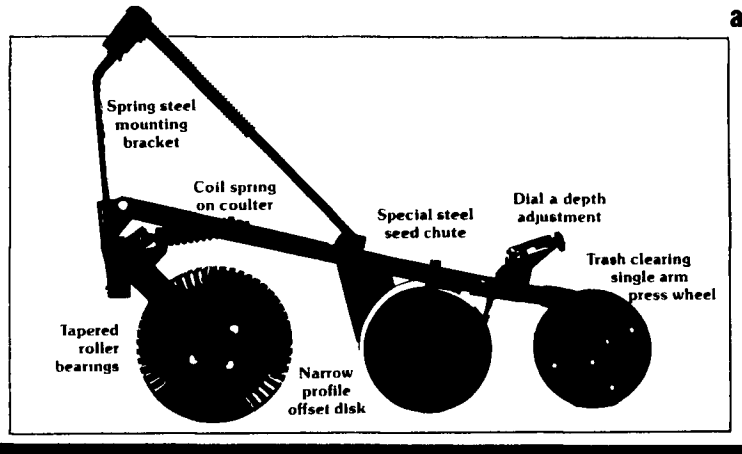
• Direct access to seedbox for easier filling
• Large 9 x 24 tires provide a consistent seed metering drive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Tapered roller bearings
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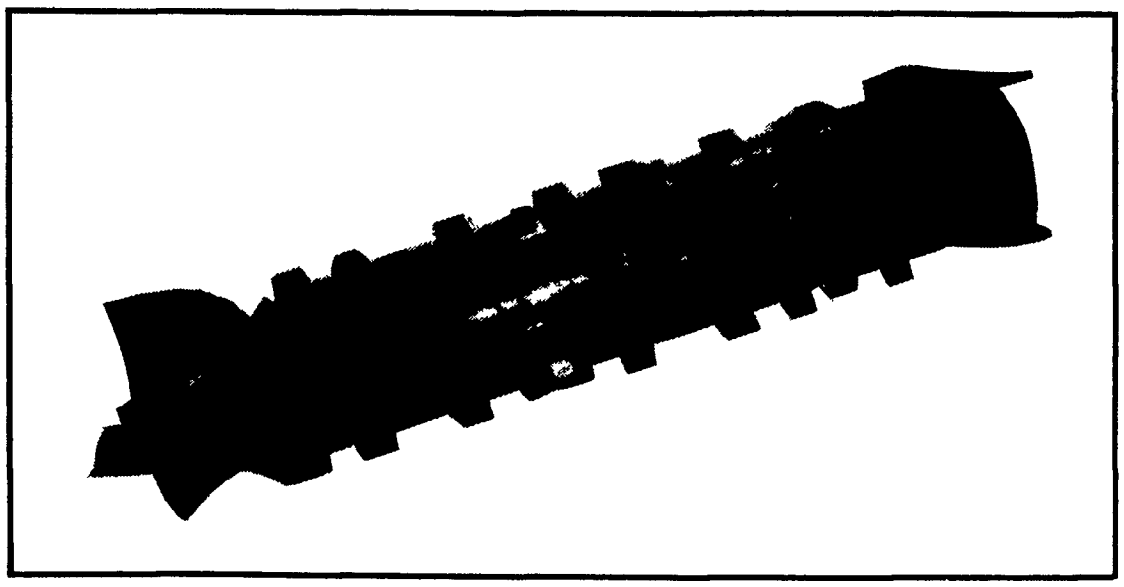
the single rotor

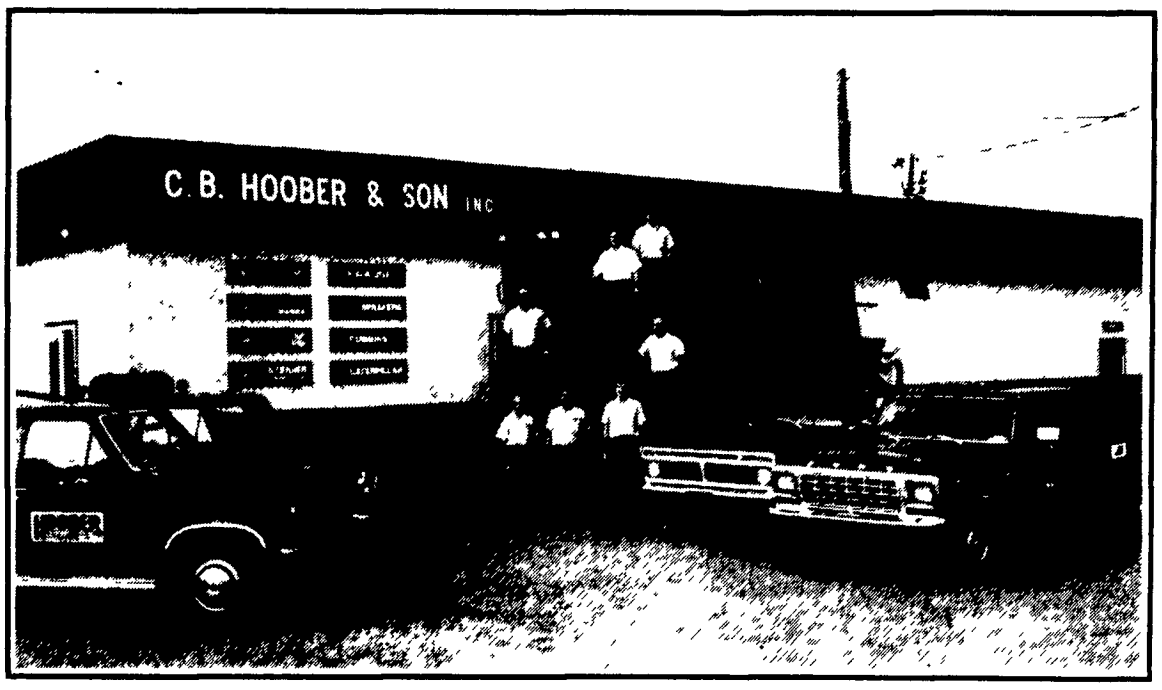


With the *SINGLE AXIAL FLOW ROTOR* you get:

1) **INCREASED PRODUCTION** by the ability to start combining earlier in the day, and to keep combining later into the night.
2) **BETTER GRAIN QUALITY** because the ROTOR'S threshing action is much gentler than a conventional combine's cylinder.
3) **LESS MAINTENANCE** because there is **NO** strawwalker system to repair.

DON'T OVERLOOK THE HOOBER SERVICE ADVANTAGE

HOOBER'S experienced service people



With HOOBER's *experienced SERVICE PEOPLE* you get:

1) Fulltime Combine mechanics who work on combines year round, not just when you have a problem.
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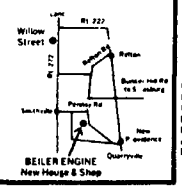

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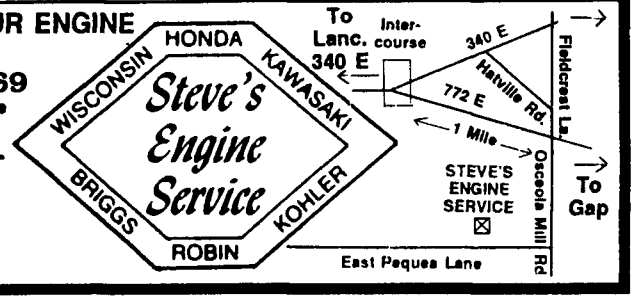

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Case-IH 4500, VS Field Cult.	Case-IH 3309 Disc Mower/Cond.
Case-IH 5710 Trail Chisel Plow	Case-IH 1300 Sickle Mower
Case-IH 8420 Round Baler	Case-IH 860 Hay Rake, Gr. Dr.
Case-IH 8530 Sq. Baler w/Thro.	Case-IH 8330 Mower/Cond., 9'
Case-IH 720, 4F, 18", Auto. Plow	Case-IH 600 Forage Blower
Case-IH 475 12' Disk Har.	Case-IH 781 Harv. w/Hds.
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IH F-656 G	$ 4,500	IH 800 6R Air Planter	$ 6,250
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JD 4430 SGB Creeper Trans., Original	$12,000
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JD 4020 side console cab, 2 hyds. orig.	$9,300
JD 4020 side console, 2 hyd, SR Trans.	$9,200
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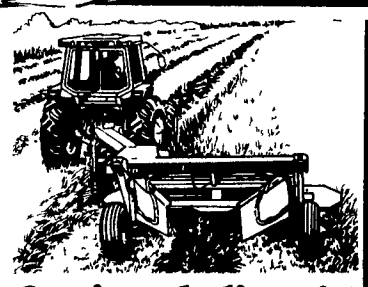
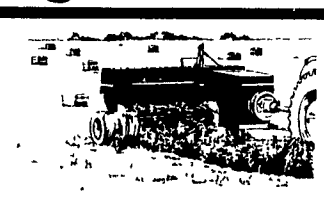


See it to believe it!

The New Holland Model 408 and 411 Discbine® disc mower-conditioners handle the toughest conditions without plugging.

#H408 Cash Price **$9,500** Limited Quantity!



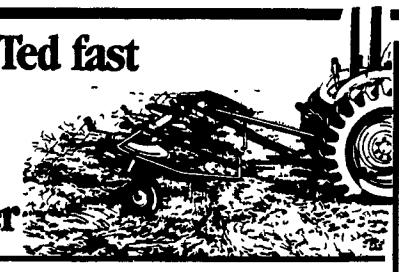
Out-bale'm all!

No matter how you look at it, the New Holland square balers from Ford New Holland top every baler in their class... for capacity, bale quality and reliability.

Baler Anniversary

ALL MODELS IN STOCK!

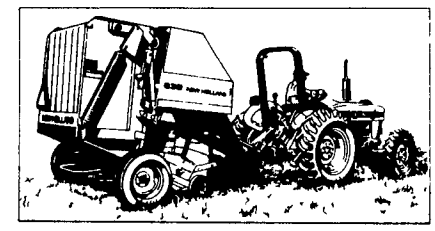
Ted fast beat the weather

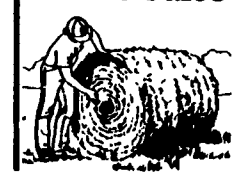


Save Hay - Save Money

The New Holland Model 144 windrower inverter can save your hay crop by turning it over to dry, without losing valuable leaves.

New Holland quality in easy-to-handle bales





When the crew is just you, the New Holland Model 630 round baler delivers quality hay in an easy-to-handle bale size. It makes dense, good-looking 650-pound bales measuring four feet wide by four feet in diameter. And a 35 horsepower tractor supplies all the power you need. The "630" handles delicate crops gently to reduce fines losses, so your bales retain more protein-rich leaves. Ask for a demonstration today.

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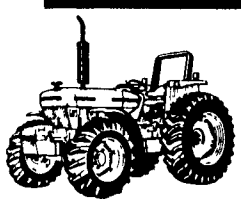

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- Four wheel drive
- 16x8 synchro dual power

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- 16x8 synchro dual power

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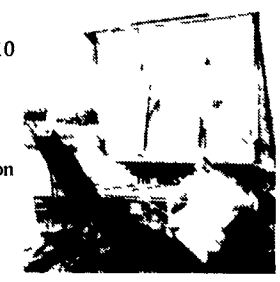
NH 853 Round Baler, Makes Up To 1200 Lb Bales, Good Condition

NH 855 Round Baler, Makes Up To 1700 Lb. Bales, Good Condition

Ford 4610 52 HP With Blade, Very Nice

NH 1010 Bale Wagon Nice Condition



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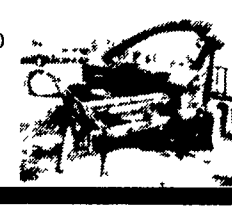
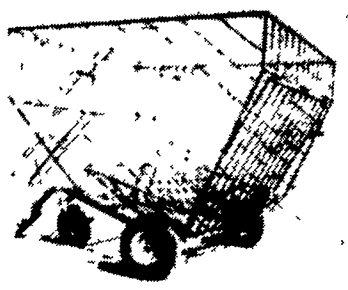


NH 990 Harvester, 1 Yr. Old w/Metal Detector, 3 Row N Auger Base & Hay Head
$21,900

DRYHILL HAY BALE BASKET



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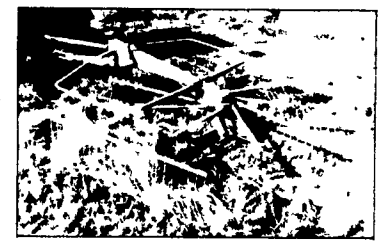
Kuhn GA Series rakes let you rake or turn windrows for better quality hay in less time. The new GA 7301 Gyrorake covers up to 17 acres per hour!
- **GENTLE** — High speed rotary raking action
- **VERSATILE** — Side delivery for double raking
- **FLEXIBLE** — Rotor speeds match crop conditions
- **SEVEN MODELS** — 10½ to 24 raking widths

Enjoy faster drying and easier baling with Kuhn CA Series rakes

SPECIAL PRICE- **$11,800** (1 Only) (GA 732)

Rake or turn windrows with the Kuhn Gyrorake!

Kuhn GA series rakes let you rake or turn windrows for better quality hay in less time. One machine does it all!!!



- GENTLE – High speed rotary raking action
- VERSATILE – Side delivery for double raking
- FLEXIBLE – Rotor speeds match crop conditions
- SEVEN MODELS – 8½ to 24 raking widths

Enjoy faster drying and easier baling with Kuhn GA series rakes

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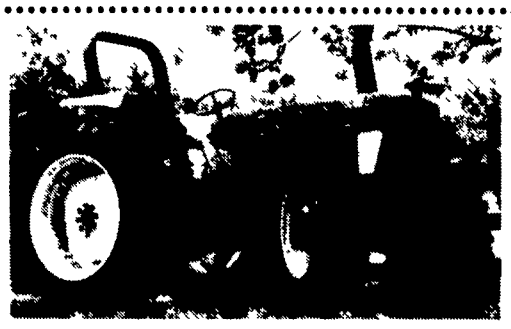
TP 250 Cannon Pneumatic Mistblower (Demo.) $6,200

MINI-Variant A variety of uses

Foliage Treat Strawberries, Potatoes & Other Row Crops.

The standard MINI blower has been mounted on a high frame for the Variant mistblower range, and uses ten long flexible hoses with adjustable spouts mounted on a boom to maximize penetration in dense row crops such as strawberries, cabbage carrots, beans, onions, brussel sprouts, potatoes, lettuce, peanuts, celery, soybeans, cotton, nursery stock, etc

w/26' Hyd. Boom (Demo) **$3,695** w/20' Mech. Boom (Demo) **$2,995**



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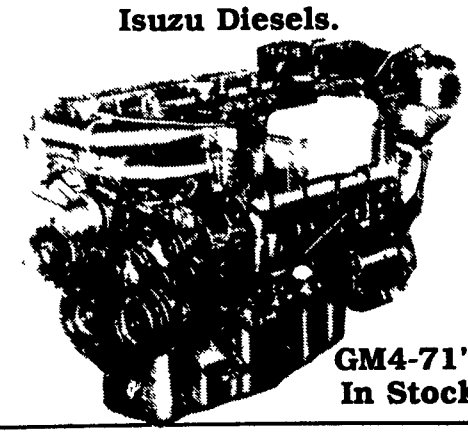

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4801 S. 5TH ST., EMMAUS, PA 18049 215-965-5203

TRACTORS

1982 JD 4240 Dsl. Cab & Air, Power Shift, 3000 Hrs., Very Nice SOLD
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
1966 JD 4020, Dsl., WF, One Owner, Excel. Cond.
JD 4010 Dsl., WF, Dual Hyd., One Owner, Good Cond.
JD 2840 Dsl., Hi-Lo, Dual Hyd., 16.9x38 Rubber
JD 1530 Dsl., Hi-Lo, Indep. PTO, 38" Rubber, Rack & Pinion
JD 950 Dsl., One Owner, 520 Hrs., Excellent Cond. SOLD
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1086 Dsl., Cab, Air, 2500 Hrs., 20x38 Rubber, Very Nice
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
1975 IH 766 Dsl., 3PT, Dual Hyd., 38" Rubber
IH 460 Gas, WF, Fast Hitch
r, Very Nice
Ford 2000 Gas, Power Shift w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice
Ford 850 Gas
1989 Ford 3910 Series II, 84 Hrs., Dual Hyd., Like New

QUALITY COMBINES
(Displayed Inside Building)

1981 JD 7720 Dsl. Cab & Air, Hydro, Very Nice
1979 JD 4400 Dsl., Cab & Air, 23" Rubber, Fully Equipped, Very Good Cond.
1982 4420 Dsl., Cab & air, 1400 Hrs., Fully Equipped, Excel. Cond.
1977 JD 6600 Dsl., Cab & Air, Hydro, 404 Engine, 2,000 Hrs., Very Nice
1982 JD 6620 Level Land, Fully Equipped, 1600 Hrs., Excel. Cond.
JD 4400 Gas w/Cab, Choice of Heads
1980 Gleaner K2, Cab & Air, Grain Saver, 1000 Hrs., One Owner
Gleaner K w/Cab, Grain Saver, 10' Grain Table
Gleaner F2 Dsl. Corn Soybean Special, 500 Hrs., One Owner, Excel. Cond.
1982 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber
MF 13' Rigid & Flex Platform
IH 810 13' Grain Platform
JD 915 Flex Head, Like New
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head
JD 13' & 15' Series 100 Rigid Grain Head
1976 JD 3300 Dsl. Cab & Air, Mechanic's Special
IH 205 w/Cab, 10' Grain Table & 2 Row Corn Head SOLD

PLANTING EQUIPMENT

JD 8300 DD 18x7 w/Grass Seed
JD 7000 4RN Dry or Liquid Fert., Insect. & Monitor

Farmco 18' Bale Wagons
8 Ton Gear, 11Lx15 Tires
$1,950

HAY EQUIPMENT

JD 1460 Rotary Mower Conditioner, Used One Season SOLD
JD 1327 Rotary Mower Conditioner
(1) JD 1209, Late Model, Very Good SOLD
JD 1219 Mower Conditioner, Non-Clog Guards, Very Good Cond.
JD 430 Round Baler, w/Monitor, Excel. Cond.
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/Ejector
JD 336 Wire Baler w/30 Ejector
JD 327 Baler w/Ejector, Very Good
JD 2 & 3RN Row Crop Heads
JD 7' Hay Pickup w/Gauge Wheels
NH 1033 Bale Wagon, Tandem Axle, 105 Bale Capacity
NH 855 Round Baler
NH 852 Round Baler
NH 846 Round Baler
NH 782 Harvester w/Electrical Controls, 2 Row & Pickup Head, Very Nice Cond.
NH 851 Round Baler, Very Nice
NH 489 Haybine
New Farmco 18' Steel Side Hay Wagons
NH 75 Hyd. Bale Thrower
Gehl 1200 Harvester, Electric Controls w/ Pickup Head & 2 Row Cornhead
Gehl 72 Flail Chopper, Very Good

TILLAGE

JD 9 Shank 1710 Mulch Tiller
JD 950 15' Roller Harrow
JD 12' AW Disc
JD 1635 11' Plowing Disc, New 26" Blades
JD 220 18' Hyd. Fold Disc
JD 235 18' Hyd. Fold Dura-Cushion Disc, Very Good COnd.
JD 310 12' Double Offset Disc
Hutchmaster 12' Offset Disc, Big Blade
IH 610 12' Offset Disc

CORN PICKERS

NI 702 Uni, 1700 Hrs., w/3RN Corn Head & Husking Bed, Very Nice
NI 323 1 Row Corn Picker
JD 300 Husker w/2 Row Head
JD 300 Husker w/2 Row Head, Late Model, Excel. Cond. SOLD
AC D17 w/NI 2 Row Mounted Corn Picker, Excel. Cond.

CORN HEADS

JD 343, 3RN, Low Tin
JD 443, 4RN
JD 443 Low Tin
JD 444, 4RW
JD 444 Oil Bath
JD 643 Oil Bath
IH 843 4RN
IH 863, 6RN
AC 238 Corn Head
AC 330 3RN
AC 430, Black, 4RN
MF 1163 6RN
MF 1143, 4RN

We have lease financing available for above equipment

MISCELLANEOUS EQUIPMENT

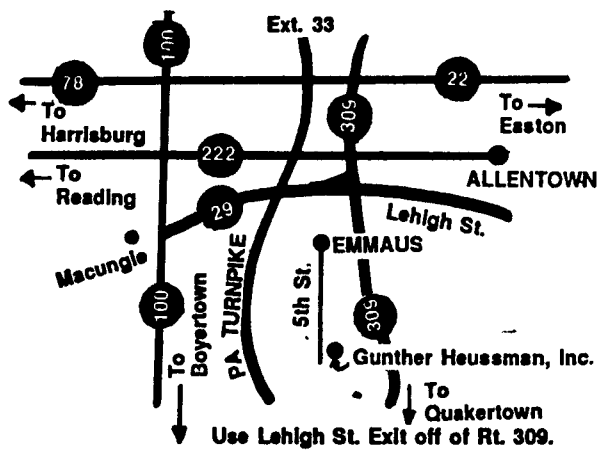
JD 6 Row Danish Tine & Spring Tooth Cultivators
JD 8 Row Danish Tine Cultivator
JD RM 4 Row Danish Tine Cultivators
JD RM 4R Cultivator, 3PT
18x38-18x34 Duals
JD 700 Grinder Mixer
IH #60 Stalk Shredder, Very Nice
IH #50 Stalk Shredder
IH 2250 Quick Tach Loader to Fit 656, 666, 686
IH 4 Row Front Mounted Cultivator
NH 353 Grinder Mixer
Gehl 95 Grinder Mixer w/Hay Feeder Attachment
20x38 Axle Duals To Fit JD 4840
Richardson Side Dump Wagon
JD 145-146-148-158 Loaders
Grapple Fork For JD Loaders
Manure Tine Fork For JD Loaders
Cab To Fit JD 3020 Thru 4320

PLOWS

IH 720 5x20 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset
IH 720 5x18 Spring Reset
IH 720 4x18 Spring Reset
IH 710 6x16 Spring Trip Onland Hitch
JD 2800 Spring Reset 6 Base Onland, Variable Width
JD 2500 5x18 Spring Reset
JD 2450 5x18 Onland Hitch
JD 1450 4x18 Semi-Mounted Plow

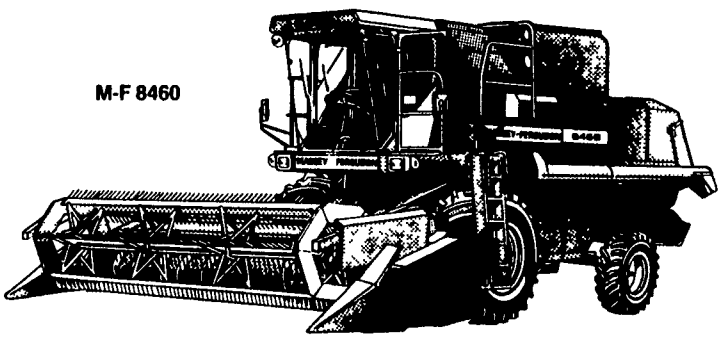
NEW ARRIVALS

JD 347 Wire w/40 Ejector
NH 1012 Bale Wagon 60 Bale Capacity, Single Bale Unload
Miller 10' Offset Disc, Very Good Blades
Brillion 12' Roller Harrow, In-Board Wheels
1979 JD 2640 Dsl., 2300 Hrs., Hi-Low, Indep. PTO, Dual Hydraulics, Excellent Cond.



WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

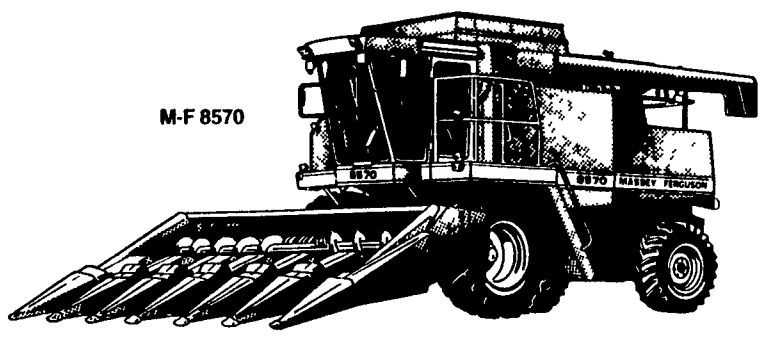
M.M. WEAVER & SONS, INC.
MF TRACTOR & COMBINE HEADQUARTERS



CONVENTIONAL COMBINES

OR

IN STOCK NOW!



ROTARY COMBINES

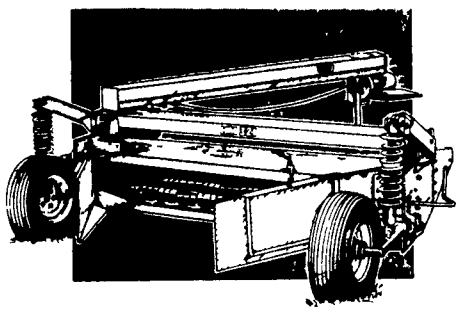
22 COMPACT DIESEL TRACTOR BACK FROM LEASES

Like New Tractors

1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, Ag Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP Ag Tires	$8,650

Used Tractor Prices

Vicon KM321 Disc Bine
1 Yr. Old
1 Only $8,500



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15' Rotary Hoes **$2,625** Ea.

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PLOWS & TILLAGE

MF 880 4x16 Plow	$1,500
MF 115 Coulter Chisel Plow	$5,200
MF 18' Field Cultivator w/Rolling Baskets	$4,500
Unverferth 12' 3 Pt. Field Cultivator w/Rolling Baskets	$2,300
Yetter 15' Rotary Hoe (Demo)	$2,400

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

USED TRACTORS

MF 3090, 2WD, 100 HP, DS, Demo Model, MF 2675, Low Hrs., New Tires	
MF Indust. 2200 w/ldr.	$3,900
MF 1085 82 HP, DS, Repainted, 3400 Hrs.	$6,500
MF 690 4WD w/cab	$14,500
MF 285 82 HP, DS	$8,500
Oliver 1550 53 HP DS, Restored	$4,500
Oliver OC6 Crawler	$2,400
MF 1644 Skid Steer Loader, Demo Model	
Ford Jubilee Tractor	$2,700

HAY EQUIPMENT

J Bar 3 pt. 4 Wheel Rake	$475
MF Forage Blower	$1,900
Vicon KM 281 Discbine	$5,500
EZ Forage Wagon	$1,250
JD 14T Baler	$600
NH 55 Hay Rake	$950
NI 7' Mower	$800
NH 411 Discbine	$3,900

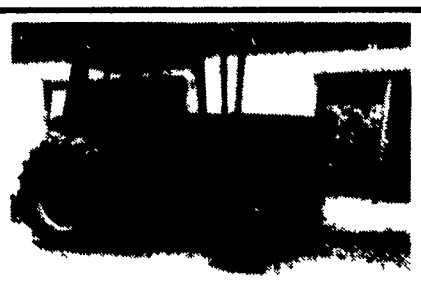
USED COMBINES

1984 MF 860 w/9115 Floating Cutterbar and MF 1163 Corn Head	$29,000
1984 MF 860 w/MF 9120 Floating Grain Table	$24,500
1982 MF 860 w/9115 Floating Cutter Bar and MF 1163 Cornhead	$27,000
1980 MF 750	$16,000
1981 MF 860 w/4WD	$22,000
1977 MF 760	$12,000

MISC. EQUIPMENT

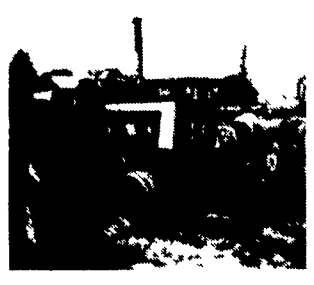
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$10,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500
VanDale 210 TMR Mixer Wagon	$3,500
Lucknow 285 Mixer Wagon	$8,900
Weaverline 430 Hydrostatic, SS Feed Cart	

Oliver 1550
53 HP D.S., Restored
$4,500



'84 IH 3288
90 HP DS Tractor, 16 Sp. Trans., 2250 Hrs.
$18,500

JD Hydra Push Spreader
Model #450
Only 1 Year Old
SOLD
$4,900



IH 1466
145 HP DS, 2500 Hrs.
$8,000

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More than 300 bolts in each body

18'L-8'W-7½ 'H Painted	$625.00
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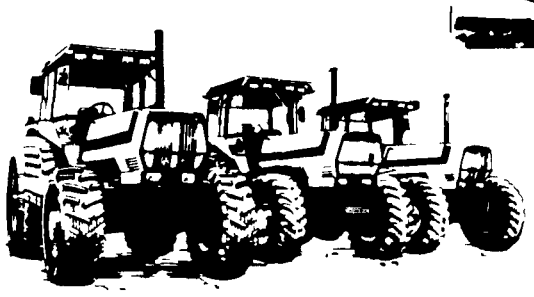

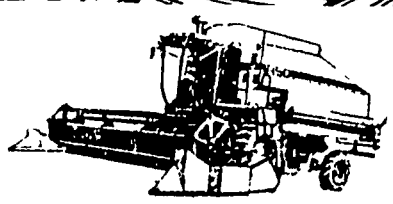

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AC 7050 D w/Cab, Air, Heat, Excel
AC 7030D w/Cab
AC 160 D, Excellent
AC WD45
AC WD
Ford 900
Ford 801
Farmall M
MF 1150D w/Cab
MF 35
JD 3010 D
JD 60
Bobcat 743 Skid Steer Loader
Ford 800 w/Front-End Loader And Backhoe
Oliver 550
Case 500
White 270D, Excellent

COMBINES
AC N5 w/Cab, Air And Heat, 15' Grain And 630 Corn Heads, Excellent
AC L2 Gleaner w/Cab, Air, 15' Grain & 630 CH, Excellent
(1978) AC Gleaner M2 D w/Cab Air, 13' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner F2 D, w/13' Grain and 430 Corn Head
AC Gleaner K w/10' Grain & 238 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
MF 750D w/Cab, Air/Heat & 630 Corn Head, 2100 Hrs EXCELLENT!
NH 975 Gas w/Cab & Both Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker

TILLAGE
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt Plow
JD 1000 12' Disc w/Trans Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
JD FBB15 Double Disk Grain Drill

MANURE SPREADERS
NH 791 370 BU, Good
NH 675 w/Endgate, 300 BU
NH 518, 220 BU
NI 214, Liq Pan, 210 BU., A-1!
Badger 3330 300 BU, Good

MISC.
(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
Gehl Grinder/Mixer

HAY TOOLS
JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS
NH 1880 Hydrostatic Drive w/P U And 2 Row Corn Head
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers

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NEW EQUIPMENT

(2) 18.4-38's Bias $450/each
JD 1219 Mower conditioner, 9'
JD 210 C loader backhoe, w/cab $39,900
JD 1075A 12 ton wagon, no tires $1,300
JD 1508 15' batwing mower
JD 350 manure spreader
JD 2355 GP Tractor, 4WD w/110 Ldr., special rental price

USED EQUIPMENT

Ford 3000 gas tractor w/Simms cab & ldr., 2 buckets, $5,700
JD 709 7' HD mower, $2,800
IHC 140 tractor w/mid mount 72" mower, $2,900
JD 2640 2WD Tractor, completely rebuilt, new tires, new paint, $11,500
JD 855 4 WD tractor w/mid mount mower $10,500
JD 165 backhoe 8', 3 ph mounted, $2,800
JD 4030 tractor dsl. open station, 2WD rebuilt & painted, $12,500
JD 3020 Gas Tractor, $6,200
Kubota D7100, 2WD, w/60" Mower Deck, $5,200
Caterpillar 922 4WD, rubber tired loader, $10,500
JD 260 disc mower rebuilt
Tye Pasture Pleaser, 80" no-till grain drill, excellent and complete, pull type, $6,500
Kuhn 3 ph 6' sickle bar mower, good shape, $750
Gandy 8' drop spreader $500
Southwest trailer 14' bed, 6200 GVW, Single axle $1,400
Kubota B7100 HSE, 2WD, hydrostatic dsl., w/60" mid mower, $5,700
JD 1250 4WD, 40 HP, w/100 Loader, under 1000 hrs., $15,500
JD 240 Disc Mower, $2,850

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Brillion MLS1801 - 15' Pulvimulcher w/Scrapers & New Tires $7,350
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Brillion 4 Row 3 Pt. "S" Tine Cultivator $1,950
Brillion 6 Row 3 Pt. "S" Tine Cultivator $2,650
Brillion BTS5 Deep Till w/Helper Spring $3,575
Gehl 3310 Skid Steer Loader .. $8,200
Gehl MC2170 - 9'3" Mower Conditioner $8,100
*** Quantities Limited - F.O.B. Carlisle and Loysville**

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375 Round Baler $10,950
672 9½ ' Hay Rake $3,575
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USED TRACTORS

David Brown 990 w/Loader $5,900
JD 4450 2WD, P.S, S.G. $35,900
JD B $1,195
MF 304 Ind. w/Loader $5,995
AC WD $895
Case 530 w/3 Pt. $2,495
Farmall BN $895

USED EQUIPMENT

NH 519 Spreader $1,700
NH 275 Baler w/Thrower $2,675
JD 7000 4R Planter $6,900
Gehl WR15, 3 Pt. Wheel Rake..... $895
NH 514 Spreader $1,675
JD 410 Round Baler $4,500
JD 16A Chopper $1,395
Athens 131 11' Disc Harrow..... $1,950
JD 338 Baler w/40 Ejector $10,900
NH 519 Spreader $1,700
AC 333 6R Planter $4,300
JD 1640 Disc $2,750
JD 315 13' Disc $3,100
Gehl 135 Grinder Mixer $2,900
JD 1550 Powr-Till Seeder $3,500
Gehl BU910 Wagon w/Gear $2,495
JD Round Bale Grapple $475
NH 315 Baler w/Thrower $3,975
Hesston 10 Stack Wagon & Mover $2,350
JD 35 Loader, Hyd. Bucket For 430 ..... $725
IH 315 14' Pulvi-Mulcher $1,850

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AC 190
JD 2510 Gas
Kubota M 550DT w/Dunham Loader
Ford 5600
AC 7000 w/ROPS
AC 7580, 4WD, 222 HP
Ford 4000 D
Case 1194 w/Cab
AC D17

MISCELLANEOUS
Brillion Pulverizer, 12'
Kubota Blade
Motor Vacuum
Front Blade
JD 216 Wagon

MOWERS
Bush Hog 10'
Woods C80
Beaver P10 Boom Mower
Kuhn Disc
Deutz SM55 Disc
Ford Flail

SPREADERS
IH 575 · NH 520
NH S676 · NH 307
NH 308 · NH 795

RAKES
NH 260
Vicon Hay Tedder
Int. 35
DA 200
JD Rake
Deutz Fahr Rake

MOWER CONDITIONERS
(2) NH 1495 Haybine w/Head
(2) NH 495 12' Haybine
MF 925 Mower Conditioner
(2) NH 489 Haybine
NH 144 Windrow Inverter
NH 469
Hesston 1091

FORAGE EQUIPMENT
Bearcat Flail Chopper
NH 919 W3, Corn Head
NH 919 N3, Corn Head
NH 890 Auger Base
Int. 830 w/Corn Head & WPU
NH 822 Head
Fox 4400 SP Harvester, Hydro Trans. w/3RN & WPU
NH 30 Blower
NH 40 Blower
NH 2100 SP w/Auger Base, 939 N4, WPU
Gehl 1200 Harvester w/3RN & WPU
NH #8 Wagons
Badger 716 Forage Box
NH 890 Harvester w/Row Crop and Windrow
NH 890 WPU
(1) Bale Thrower Wagons
Int. 720 w/830 R2N Corn Head & WPU

PLANTERS
AC 385 No-Til, 6 Row, Air
AC 6 Row Liquid

LOADERS
NH L250 Skid Loader
Case 480C, TLB
Ford 555A, TLB
Ford 550 TLB w/Cab
NH 785 Skid Loader
NH L775
JD 644 w/3 Yd. Bucket
Ford 555B TLB
JCV 1400 B
JD Skid

LAWN & GARDEN
Ford LT8
JD 110
JD 212 w/46" Deck
JD 912 F w/Mower
Ford LTD 16 H.P.
Kubota B7100
Kubota B6100 w/Ldr.
Howard Pro 72 w/Mower
Satoh Beaver Mower/Blade
Int. Cub LoBoy w/Mower
Tanalea 200 Trimmer
Yanmar 3 Pt. Mower

BALERS
NH 316 Baler w/75 Thrower
Thrower 75
NH 276 w/Thrower
(2) NH 269
NH 90 Bale Handler
NH S68
NH S67 w/Eng. Thrower
(2) NH 271 Baler
JD 336 w/Engine
(1) NH 310
NH 270
NH 851, Auto Wrap Baler
MF 124 w/Thrower
NH 276 w/Motor
(3) NH 320 w/70 Thrower
NH 852 Rd. Baler
NH 144 Inverter

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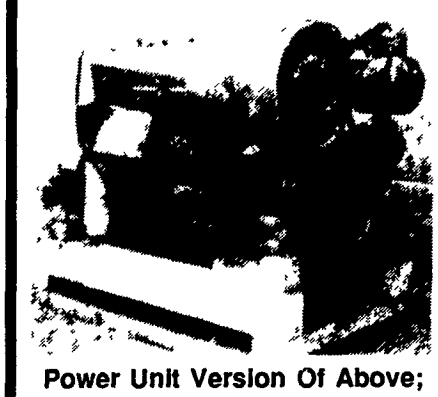

DEUTZ BF6L-913C Diesels, Reconditioned. 178 Hp. With Starter, Alternator, Flywheel, Housing, Mounts, Thermostatic Cooling System. Warranty: 6 Mo. Parts Warranty....**Price $4,995**

DEUTZ

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F6L-912, Kit #1171 ..... $1,870.44
BF6L-913, Kit #1172..... $2,408.09
(All Genuine Deutz Parts)

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COMBINES

Waiver of Interest Till Sept. 1, 1991

1990 JD 9600 w/4WD, 309 hrs., JD 920 flex cutter bar, JD 843 corn head
1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar
1982 JD 8820 w/4WD, 1,965 hrs. w/222 flex cutter bar, JD 843 corn head
1982 JD 8820, 4WD w/218 flex cutter bar
1986 JD 7720 w/4WD, 1,600 Hrs. w/JD 218 Flex Head & 643 Corn Head
JD 922 flex cutter bar
JD 218 flex cutter bar
JD 444 Corn Head, Hi-Tin
JD 643 corn head

TRACTORS

1975 JD 4030 w/4 post
1979 JD 8640, 2,600 Hrs., 3 Pt. & PTO, Dual 20.8x38 Tires
JD 2940 Fender Tractor
1983 JD 4450, cab w/MFWD, powershift, 2,900 hrs., w/dual 20.8x38 tires
1985 JD 4450, 2WD, quad range, 2,100 hrs., 20.8x38 duals
1987 JD 3355 w/MFWD w/245 Loader, 168 Hrs., Like New
1980 JD 4240, Quad Range, Cab & Air, 5,000 Hrs.
1973 JD 4430, Fender
1974 IH 1066, Fender

MISCELLANEOUS

JD 863 front blade
Brillion 13' 8 cultimulcher
JD 1550 power till seeder
JD 1418 rotary cutter, like new
JD 265 loader
Dunham 16' Crowfoot Packer
Brillion 18' Gang Crowfoot Packer
Brillion 13'8 roller harrow
Brillion 25' Folding Packer
JD 7000 12 Row Front Fold Cornplanter, Dry Fert., Insect., No-Till, Monitor
Ford 8' Rear Blade
JD 7' Box Scraper
JD 1219 Mower Conditioner, Like New
Brillion 7' Chisel Plow
MF 520 Disc Harrow, 18'

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Kubota M8950, Excellent Condition
David Brown 1212
Case 1490

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(2) Hesston 1014 Windrowers
Hesston 1010
Hesston 1090
Hesston 1091
Hesston 1095- Ex. Cond.
(2) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled

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White 5100 Air Planter, 6-Row
White 5100 Air Planter, 6-Row Granular
White 5400 4-Row Planter

MISCELLANEOUS

Hawk Bilt 2195 Spreader
NI 214 M SOLD Spreader
Hesston 5500 Round Baler
JD 10 Ft. Disk Harrow
Vicon H1240 V-Rake

SKID LOADERS & UTILITY

Case 480E Loader/Backhoe, Ex. Shape!
Case 580D, ROPS w/Extendahoe
Case 580C Loader/Backhoe w/ROPS
Case 580C, Cab & Standard Hoe
Case 580K, 4WD, Loader/Backhoe
Case 1530 Uniloader
Case 1740 Uniloader
Ford SOLD Loader
Gehl 2500 Skid Loader
JD 544 Articulated Loader

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Assortment of Gehl 99 Forage Blowers
NH 27 Blower

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AC 10 HP w/Mower
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Woods RM48 Mower
Gravely 812 w/Mower And Cultivators
Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Cub Cadet 105
MTD 18-42
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694	NH 890 Forage Harvester	$3,500
694	NH 770 Forage Harvester	$1,500
558	NH 1495 S P. Haybine Hydro	$13,500
534	NH 1495 S P Haybine Planetary	$11,500
	NH 495 Haybine, Choice of 3	$6,000
199	NH 489 Haybine	$5,500
691	NH 463 Disc Mower	$2,900
577	Woods C80 Rotary Cutter	$1,800
552	Ford 915 Mid-Mount Mower 60"	$375
267	NH 853 Bale Command Round Baler "like new"	$12,500
562	NH 855 Round Baler "one owner"	$9,500
	NH 852 Round Baler	$7,500
527	NH 851 Round Baler Auto-Wrap	$7,500
	NH 849 Hyd Round Baler	$7,500
267	NH 850 Round Baler	$4,500
21*	NH 320 Baler w/Thrower	$7,500
680	NH 320 Baler w/Thrower	$6,500
463	NH 315 Baler w/Thrower	$6,500
555	NH 310 Baler w/Thrower	$5,500
172	NH 273 Baler	$3,000
456	NH 258 Rake, Choice of 2	$2,200
125	NH 30 Blower, Choice	$1,900
684	NH 367 Tank Manure Spreader	$1,800
590	NH 518 Box Manure Spreader	$2,900
682	NH 679 Box Manure Spreader	$5,500
609	NH L555 Skid-Steer Loader	$11,500
615	NH L454 Skid-Steer Loader	$9,500
654	NH L445 Skid-Steer Loader	$8,500
614	NH L225 Skid-Steer Loader	$4,900
445	MF 1135 Tractor w/Cab	$10,500
55	Ford 801 Tractor w/Loader	$5,500
	Ford 6000 Tractor	$4,500
505	Ford YT 16 Yard Tractor w/42" Deck	$1,875
416	Schuler 12 BF Feed Cart	$2,400

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Sleeves for 4 Ft. Bales	$1.50 ea.
Sleeves for 4½ Ft. Bales	$2.00 ea.
Sleeves for 5 Ft. Bales	$2.20 ea.
Sleeves for 5½ Ft. Bales	$2.40 ea.
Bags for 5 ft. Bales	$6.50 ea.
Bags for 6 ft. Bales	$6.50 ea.

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- MM: G900 $4,200
- Super SOLD 3,200
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- M602 $1,850
- BF $950
- BG 1 row $2,350

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Runs Good
$1,500
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NH 492 Haybines	$8,260
NH 408 Discbines	$8,930
NH 411 Discbines	$10,940
NH 570 Baler/Thrower	$12,730
NH 630 Round Baler	$8,440
NH 848 Round Baler	$8,940
NH 254 Tedder/Rake	$3,240
NH 816 forage box	$5,300
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48" Howard Tiller
MF 850 Combine w/6RC head, 15' G. head
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IH 800 4 RW planter
F2 Combine w/430 & 438 corn head & grain head
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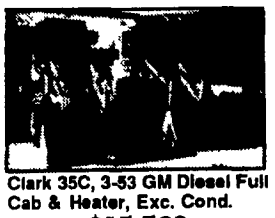
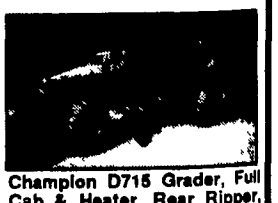
Tennant 250 High Dump Sweeper, 2 Cyl. Water Cooled, Hydrastatic, Good Cond.
$4,500
Many Tennants In Stock, Cal For Prices



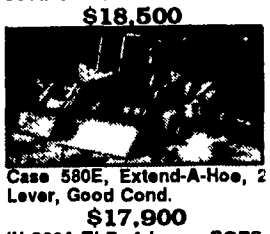
Clark 35C, 3-53 GM Diesel Full Cab & Heater, Exc. Cond.
$15,500
Clark 45C - 4-53 GM Diesel Full Cab & Heater, 17.5x25 Rubber, Good Cond.
$18,500

Huber M-600, Wide Tires, Front Blade, Full Hyd. Center Blade, Ford Gas, Exc. Cond.

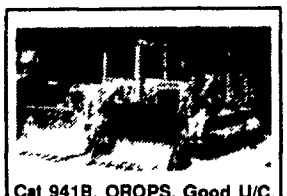


Champion D715 Grader, Full Cab & Heater, Rear Ripper, Good Cond.
$13,500

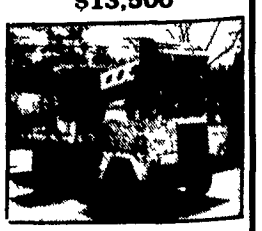
Pettibone Super 6 IH 6 Cyl. Gas, 33' Lift, 6000 Lb. Cap, 4 WD, 4WS, Exc. Cond.
$10,500



Case 580E, Extend-A-Hoe, 2 Lever, Good Cond.
$17,900
IH 260A TLB, 4 Lever, ROPS, Power Shuttle.
$8,500



Cat 941B, OROPS, Good U/C, Good Cond.
$19,500
Cat 951C, OROPS, Good U/C, V. Good Cond.
$16,500



Gradall G660, Diesel Up & Down, Remote, Cleaned & Painted, Good Cond.
$12,250

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Lull 31 ft. Lift, New Tires, C&P $6,500
Pettibone Super 6, 33' lift, 4WD, In shop

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Ford 335, 3 pt., PTO, diesel, front loader, 1 owner $10,500
Clark 35C, full cab & heater, GM diesel, good rubber, good cond. $15,500
Clark 45C, GM diesel, cab $18,500
Case W20B, cab & heater, good cond. $18,500

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Tennant Model 92, 4 cyl. water cooled, hydrastatic, good cond. $6,500
Tennant 240 w/front power broom, 2 cyl. Kohler ... $2,500
Tennant 240, 2 cylinder Kohler $3,500
Tennant 250, hi dump, cab, water cooled $4,500
Wayne 973, V8 gas, dual gutter brooms $3,650

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Ferguson 9 wheel rubber tire roller Oliver gas ..... Call For Price

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Cat 951B, Complete for parts ..... Call For Price
Cat 941B, good U/C, V.G. Cond. $19,900

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Huber F-1700 6V-53 Detroit, full cab & heater, power shift $11,500/OBO
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Rogers 15 ton fixed neck low bed $1,500
New Custom trailers in stock, 3 ton thru 20 ton ..... Call For Prices
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Power Broome, 3 Pt. & Front Mount ..... Call For Prices

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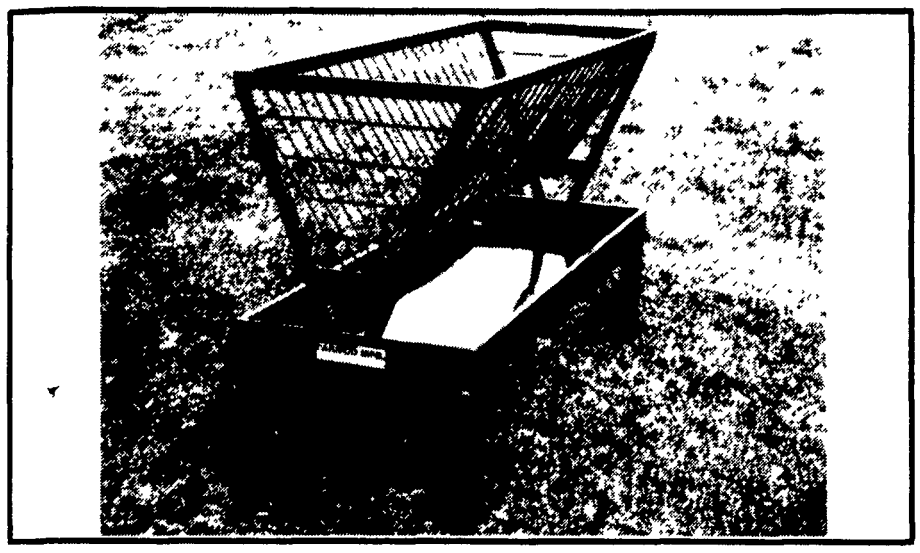
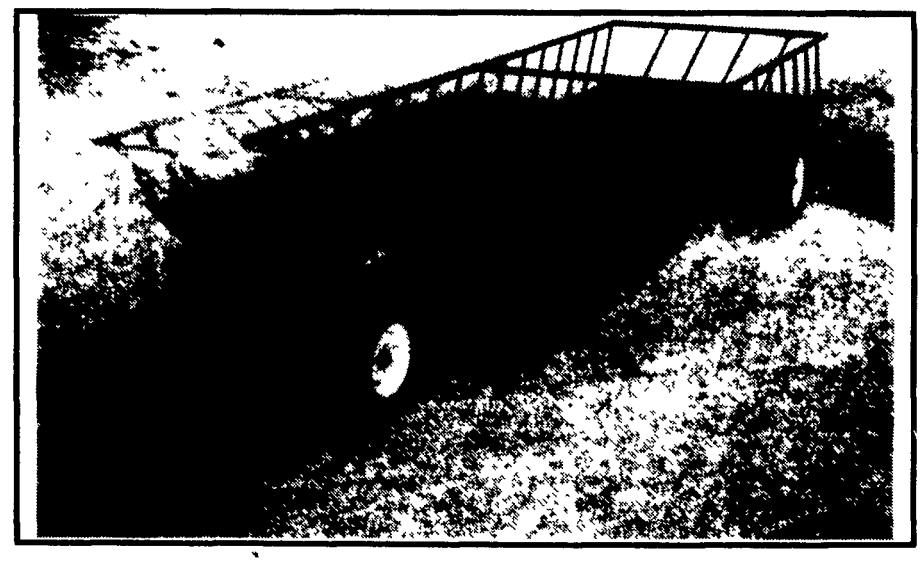
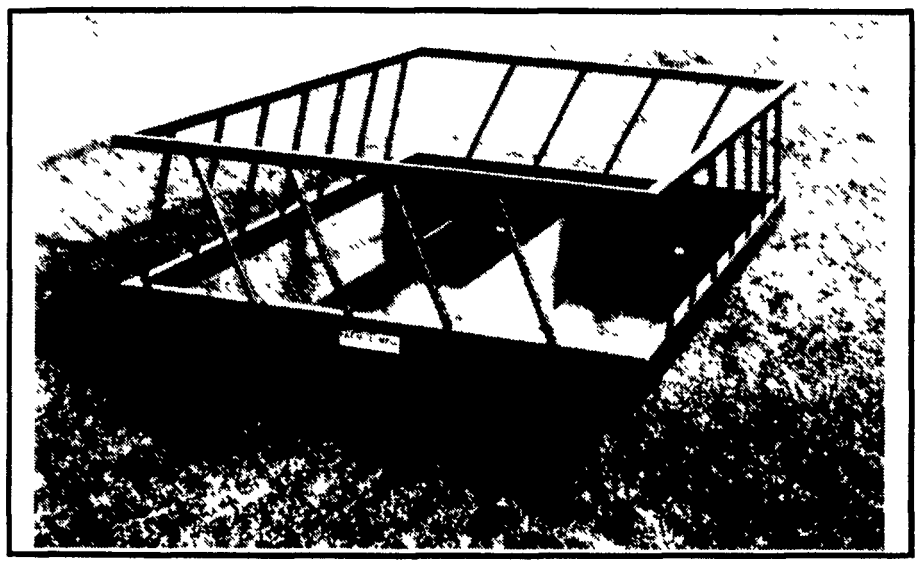


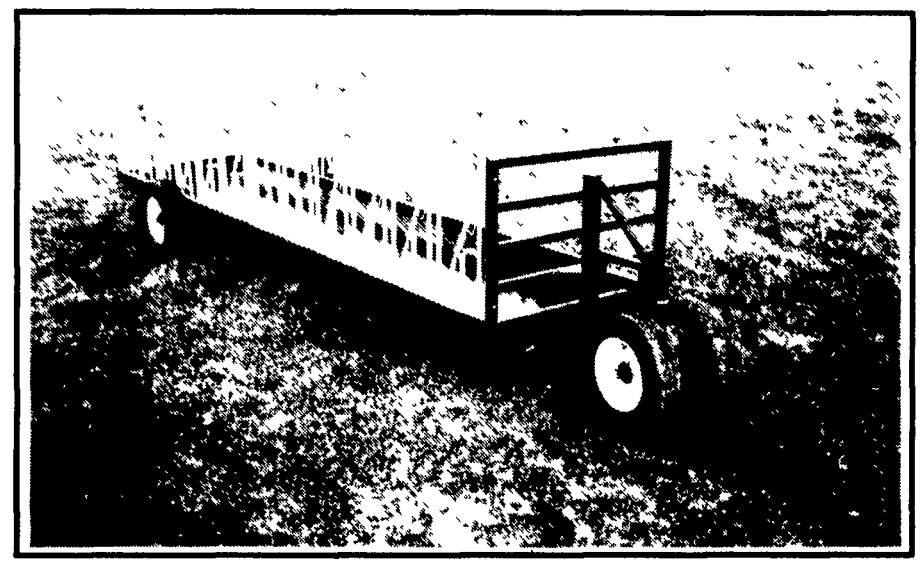
MODEL 832



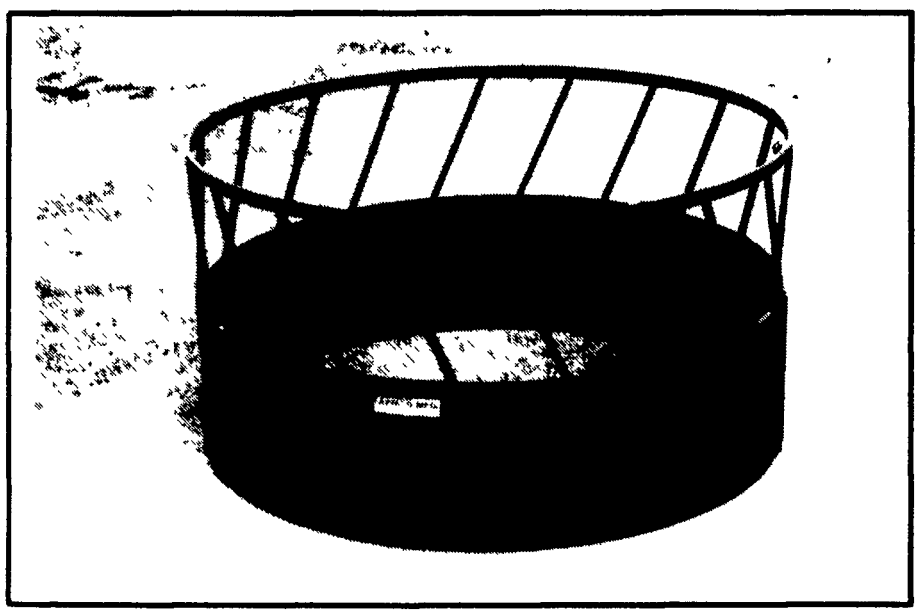
MODEL 720



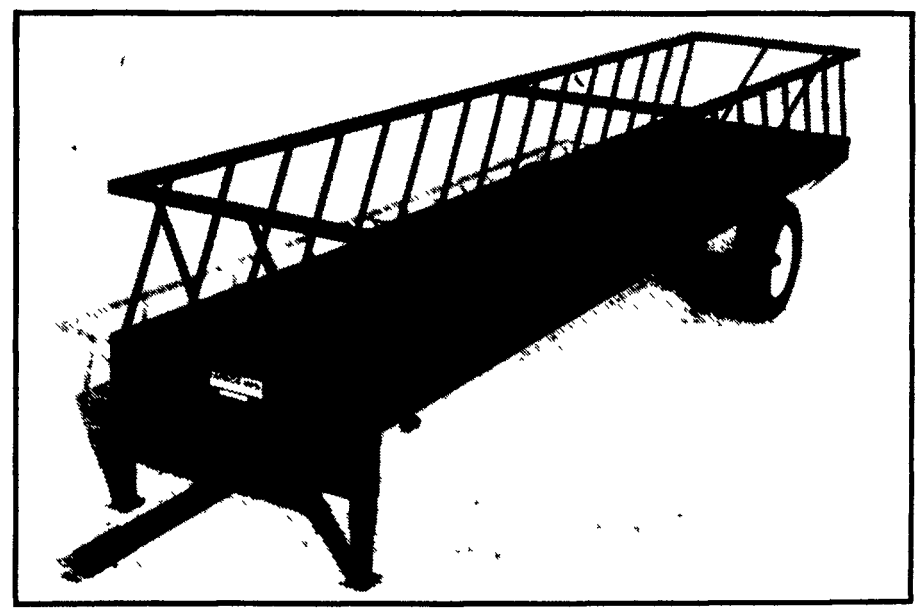
MODEL 710



MODEL 520



MODEL 750



MODEL 220

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For information and estimates call
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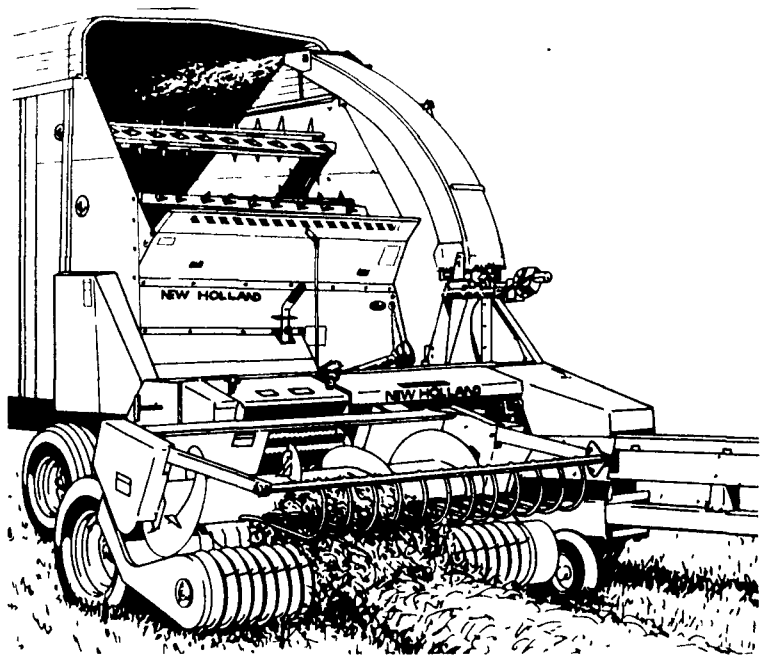
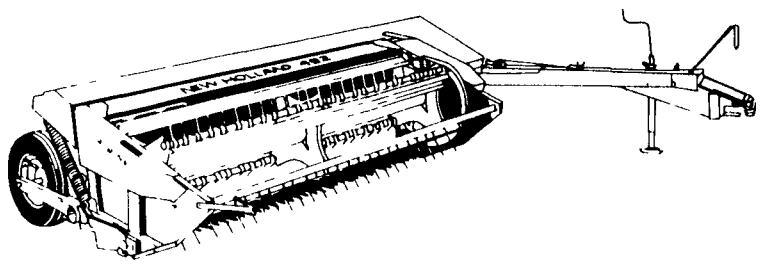


Total performance for big crop harvesting

You get total performance when you harvest your crops with a Model 900 forage harvester Total performance begins at the cutterhead. The 12 knives of the 21-inch cutterhead give you uniformly cut, high-quality forage. Other features on the "900" include:

- Metalert II® electronic metal detector (optional)—protects cutterhead and your valuable animals.
- Electromagnetic clutches—give instant response in controlling feedroll and attachment drives.
- Easy-adjust shearbar—makes adjustment fast and precise.

Ford FORD NEW HOLLAND



The ultimate 9-foot mower-conditioner

The "492" gives you the best in mower-conditioning:

- Great conditioning from chevron-design intermeshing rubber rolls.
- A close, even cut from a lightweight header that "floats" over obstacles.
- Easy-change bolt-on knife sections.
- Plug-free conditioning from torsion bar roll pressure.

Best of all, it carries the most famous name in haymaking equipment—New Holland. And we provide complete parts and service backup.

Come in and see it today.

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Telephone 717-867-2211

Lawn & Garden

Badger JOHN DEERE WOODS

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TRACTORS

JD 4240 w/4 post
JD 4020 w/cab
JD 1520 utility
JD M w/snow plow
JD LA w/mower plow & cultivator
Ford 550 loader backhoe
IH 235 w/blade and mower
AC G cultivator
IH 340 w/2001 loader
JD 420 tricycle
MF 220 w/loader

MISC EQUIPMENT

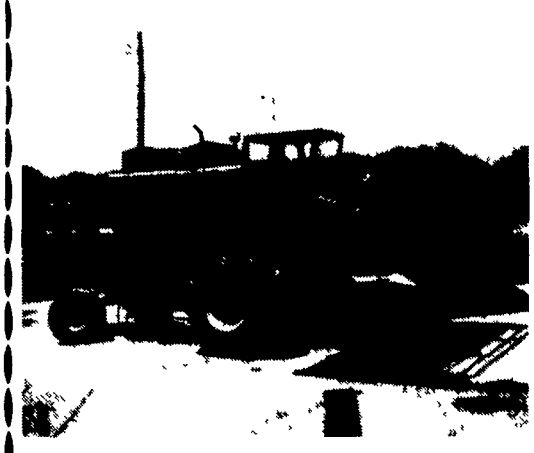
Oliver 546 6 bottom plow
JD 4200 3 bottom 2-way plow
AC 10' chisel plow
JD 1 bottom #30 plow
JD 17' 3 pt. field cultivator
JD 4 row 7000 conservation planter
JD 148 loader to fit 2940
NH 683 tank spreader

Super Special
Badger BN 330 Tank Spreader
$10,500

Pikeville Equip. Inc.

R.D. #2, Oley, PA
Phone (215) 987-6277

SPECIAL OF THE WEEK



JD 4420 Diesel, 1486 Hrs., 216 Flex Head & Chopper, Good Cond.
$23,500

JD 4430, cab & air, quad range	$11,500
JD 4230, quad range, fender	$ 8,500
JD 4230, cab, air, power shift	$11,900
JD 4020 side console year-round cab	$ 8,900
JD 2550, 4x4 w/hi & low	$15,000
IH 1486, cab & air	$12,500
IH 1086, cab & air, duals	$13,900
IH 856	$ 6,500
MF 2675 w/246 loader	$ 8,750
MF 1150 w/cab	$ 4,900
MF 1100	$ 4,500
MF 1085	$ 5,900
MF 285, new overhaul	$ 7,900
IH Hydro 100	$ 7,500
IH Hydro 70	$ 4,900
NH L785 skid loader	$10,500
JD 450B loader backhoe	$10,500
JD 450C loader backhoe	$14,000
Brady 16 & 18 hydraulic fold field cultivator	$ 1,200
4 & 6 row Danish tine cultivators	$800 to $ 1,200
IH 4X roll-over plow	$ 1,500
JD 4420 diesel combine, 1,486 hrs., 216 flex head & chopper, good cond.	$23,500
MF 850 combine, 15' flex	$19,500
MF 1143 corn head	$ 4,500
MF 236 loader for 4WD	$ 2,500
Ford 6 btm. on land hitch auto. reset plow	$ 2,500
JD 111 10' disc	$ 1,900
Fox blower	$ 700
Gehl 920 forage wagon, tandem gear & roof	$ 3,800
Parker gravity wagon	$ 1,000
Deutz Allis disc mower	$ 2,000
10', 12' & 14' cultipackers	$500 to $ 900
Dunham 34' rock flex wing disc	$ 4,800
Myers air blast sprayer	$ 950
Landoll 12' soil finisher	$ 3,500
MF 18.4x38 & 20.8x38 axle duals	$ 800
IH, JD & MF front end weights	$ 35

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Cat 1974 955L, soft cab	$18,000
1984 JD 455D w/4 & 1 Bucket	$24,000
1980 JD 450C w/B.H. Rops 4&1 Bucket	$21,000
1985 JD 555B w/ROPS & 4&1 Bucket	$30,000
1986 JD 455E w/BH ROPS, Reg. Bucket	$26,000

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1976 JD 350C Dozer	$15,000
1985 JD 450E Wide Track Dozer	$32,000
1980 JD450-C Dozer, new bottom	$22,000
1984 JD450-D Dozer	$25,000
1985 JD450-E Dozer	$29,000
1988 JD 550G Dozer, 1743 Hrs.	$34,000
1988 JD 650G 700 hrs	$50,000
1973 JD 350B Dozer	$10,000
1988 JD 400G Dozer, 846 Hrs.	$26,000

WHEEL LOADER BACKHOES

1987 Cat 416 w/cab, 2 WD, 1150 hours	$23,000
1984 JD 410B w/cab & regular hoe, Case controls	$22,000
1978 Dynahoe 200 4WD w/cab, side dump bucket	$12,000
1972 Dynahoe 190 with Cab	$9,500
1982 JD510 with Cab & 16' Backhoe, 80 HP, 8 Speeds, Power Shift	$18,000
1983 JD 510B w/ROPS	$22,000
1978 JD310-A with Cab	$16,000
1979 Case 580-C with Cab	$13,000
1984 JD410-B w/ROPS & Extendahoe	$22,000
1986 JD 410C w/Cab	$28,000
1985 JD515-B with Cab & side shift Backhoe	$27,000
1987 JD510C w/Cab & Extendahoe, 952 Hrs.	$40,000
1986 JD 210C w/Cab, 4WD, 1800 Hrs.	$24,000
1988 JD 210C w/ROPS, Extend-a-hoe 850 Hrs.	$24,900
1988 JD 210C w/Cab, 216 Hrs.	$25,000
1988 JD 210C Cab, Extend-a-hoe, 163 Hrs.	$30,000
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1987 JD 310C w/ROPS, 100 Hrs.	$28,000
1987 JD 410C ROPS, 127 Hrs.	$30,000
1989 JD 310C Cab, 4WD, 465 Hrs.	$34,000
1987 JD 610C Cab, 4WD, 1423 Hrs.	$43,000

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Long 460 1983 w/Loader, Detachable Backhoe, 3 Pt. Hitch and Live PTO	$8,500
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1966 Ford 3400 with Loader, no 3 point hitch	$3,500

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1986 JD 70 Excavator w/Blade & Offset Boom	$28,000
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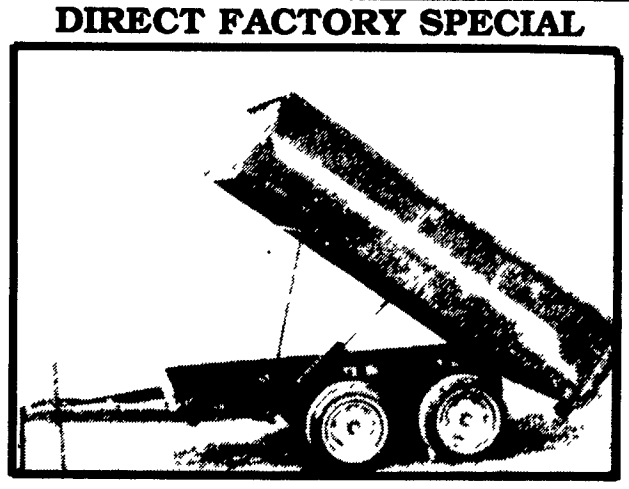

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NH 520 Manure Spreader
NH 553 Baler
NH 565 Baler w/Thrower
NH 570 Baler w/Thrower
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NH 848 Baler
NH 144 Windrow Inverter
NH 254 Tedder Rake
NH 900 Chopper
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Ford 4610 Orchard Model, 4 Cyl. Engine w/8 Hrs.
Ford 5000
Ford 540B Tractor & Loader, 1987
Ford 8210, 4WD, 1984, 750 Hrs., Cab & Air
Ford TW10, Cab & Air
Ford TW15, 4WD w/Cab & Air, 1,700 Hrs., 20.8 Radials, 14.9x28 Radials, New
Ford TW20, 2WD
Ford 555B TLB, 1,200 Hrs.
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JD 60
Farmall F12
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Long 510, 4WD
Gehl 6620 Skid Loader w/Attachments
IH 504 Tractor
Case 430 w/Loader, 3 Pt & PTO
NH 791 Manure Spreader
NH 1495 Self-Propelled Haybine w/2 Year Old Head
NH 411 Discbine
NH 489 Haybine, Good Cond.
NH Super 23 Blower
NI 512 12' Swing Tongue Haybine
NH 304 Side Delivery Spreader
NH 2000 Square Baler, 2 Yrs. Old

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JD 4240, PS, 4 post
JD 4230, cab & air, quad range
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4430, 1977
JD 4050, PS, 4 post
JD 4040, cab & air, quad range
JD 4030, 4 post
JD 4020 diesel
JD 4020, power shift
JD 2840 w/cab
JD 2640, 1982
JD 2555, cab & air
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 2040 w/loader
JD 3020 diesel
JD 3020 diesel w/power shift
JD 950
JD 850 w/mower
IH 5088, cab & air
IH 3688 w/cab & air
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 806 diesel
IH 584, 4WD w/loader
IH 656 gas
IH 684
IH 886, 4 post
IH 84 hydro
Ford 9700, cab & air
Ford 2000
Ford 3000
Ford 335 w/loader
MF 690, cab & air, MFWD
AC 5040, diesel

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Gehl 4510 skid steer
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JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
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IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 720 5 btm. 18" toggle trip
JD 2500 5 btm. 18" spring reset
JD 2600, 4 btm., 18" spring reset

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444 JD corn heads
443 corn heads
JD 4400 diesel, 2,200 hrs., excellent
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JD 215 flex head

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NH 478 haybine
NH 488 haybine
JD 336 baler
JD 346 wire baler w/thrower
NH 315 w/kicker, like new

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NI 2 row wide, 12 roll bed
Gehl 120 grinder mixer
JD 3RW harvester head, like new
Fox 3 row narrow corn head
IH 5100 grain drill
Amco 13' rock-flex disc
Kewanee 18' hyd. fold disc
Kewanee hyd. fold 20' roller harrow, like new
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Taylorway 25' disc

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IH 806, Rebuilt Engine . . . $6,900
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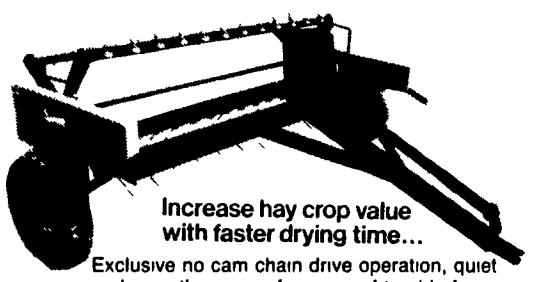

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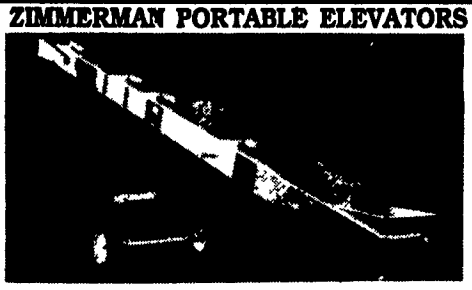

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JD 346 Wire Baler
JD 347 Wire Baler
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JD 1209 Mo/Co
NH 411 Discbine
JD 4200 4B Roll-Over Plow
JD 220 21' Disc
JD 210 14' Disc
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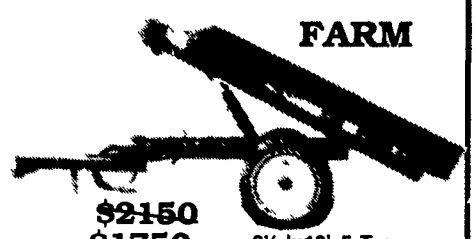

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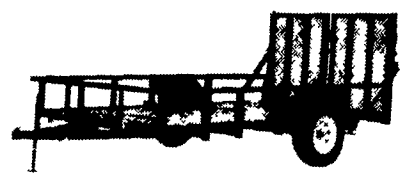

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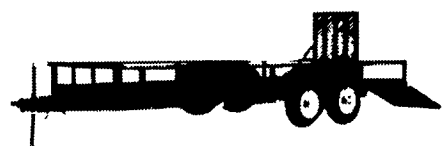

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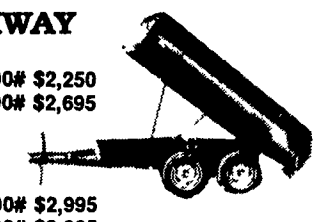

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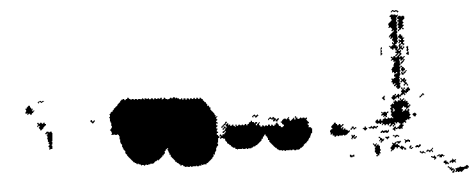

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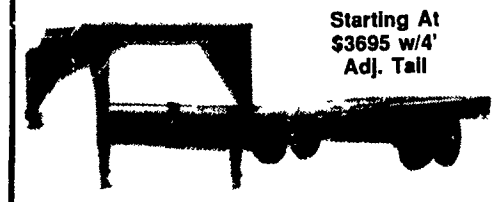

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NH 489 9-Ft. Haybine ..... $ 3,850

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JD 348 Baler w/JD 40 Ejector $11,700

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JD 640 Hay Rake ..... $ 1,650

Grimm Hay Tedder ..... $ 650

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JD 716 Forage Wagon, Roof w/JD 1275 Wagon ..... $ 7,500

COMBINES

0% Interest Til Sept. 1, 1991 Or 8.5% For 48 Months

JD 55 Gas w/12 Ft. Platform, 3R Cornhead ..... $ 4,500

MF 750 Diesel w/4R Cornhead $10,500

JD 6620 SH Hydro, Cab, w/13-Ft. Flex $26,500

JD 4425 w/Variable Speed, Cab, w/15-Ft. Flex $43,500

IHC 1460 Hydro, Cab, w/17-Ft. Platform $44,500

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JD 825 6R30 S-Tine
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12,000 Lb. Hyster Dual Pneumatic, New Engine And Tires, 8' Forks, LPG, Very Nice..... $11,000
8,000 Lb. Hyster, Dual Pneumatic, 1984, GMC Gas, S/S 2,700 Hrs., Like New $13,500
6000 Lb. Hyster, Pneumatic, Side Shift, LPG, Very good condition..... $5,000
Forks 25,000 Lb. Cap. $750/Pair
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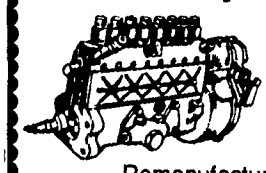

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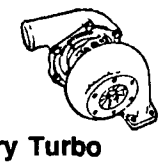

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IH 656, gas w/loader
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Ford 6000

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USED EQUIPMENT

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NI 213 manure spreader
IH 963 corn head
IH 1190 9' mower conditioner
Brillion 14' cultimulcher, like new
Ford model 142, 4 btm. plow w/auto reset
JD 4 btm. rollover plow
JD model FB grain drill, 18 double disc openers
Wetmore grinder mixer, 130 bu.

USED EQUIPMENT SPECIALS

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UB0301	NH 276 Baler w/Bale Thrower	$3,995
UB0326	NH 275 Baler w/Bale Thrower	$2,400
UB0331	NH 275 Baler w/Bale Thrower	$1,995
UB0319	NH 411 Discbine 10'10" Cut	$5,750
UB0308	NH 1495 S.P. Haybine (Planetary Drive)	$7,195
UB0324	NH 489 Haybine 9' Cut	$2,800
UB0295	NH 489 Haybine, 9' Cut	$2,800
UB0283	NH 489 Haybine, 9' Cut	$2,800
UB0311	NH 890 Forage Harvester	$2,595

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UB0314	NH 770R 2 Row Corn (38")	$795
UB0213	NH 880 N2 2 Row Cornhead (30") As Is	$495
UA0040	NH 880 R-2 2 Row Corn Head (38") As Is	$495
UA0030	NH 717R 1 Row Corn Head, As Is	$200
UA0013	New Idea 762 Uni Head (2 Row) As Is	$400

FORAGE BLOWERS

UB0222	NH 27 Forage Blower	$795
UB0322	NH 28 Forage Blower	$1,195

MANURE SPREADER

UC0086	NI 218 (318 Bu.) Manure Spreader w/Endgate	$2,200

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UC0096	John Deere 60 Skid Steer Loader	$3,795
UA0083	Ford 555 Tractor-Loader-Backhoe	$11,495

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UC0084	NH 357 Grinder Mixer	$3,195

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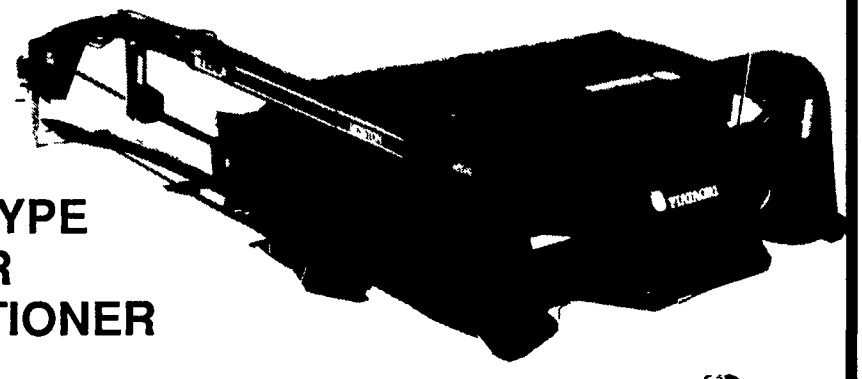

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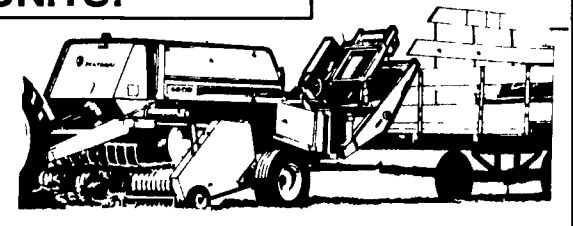

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- Case 430
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- Case 1370 w/Cab
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- David Brown 990 w/Loader
- David Brown 990
- Int. 544
- Int. 1086 w/Cab
- Int. 656 Hydro
- Int. 3088
- Farmall 300 w/Loader
- Agri Power 8000
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66
- JD "B"

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- Int. 650 Harvester
- Massey 260 Harvester
- NI 843 Cornhead
- NI 717 Combine
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
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- NI 768 3-Row Head-Nice!
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- NI 709 Uni-System
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- NI 324 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- Int. 234 Picker
- IH 120 Forage Box
- Badger Forage Box
- Gehl 920 Forage Box, Nice!

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- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- (2) Hesston 1014 — Windrowers — 12' & 14'
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 38 Chopper

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- Case 530 Backhoe
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- Bobcat 543
- Gehl 4400
- Ford 340 Skid Loader

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- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- Int. 475, 17½ Ft. Disk
- Case IH 6500 9-Tooth Soil Saver
- Int. Cultimulcher
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 8 Ft. Chisel Plow
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker
- Bush Hog 15 Ft. Disk

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- NH 40 Ft. Elevator
- King Wise 28' Elevator
- Gehl 1540 Blower
- (3) Gehl 99 Blowers
- IH 56 Blower
- Int. 600 Blower
- NI Blower
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- Scavenger 1678 Manure Spreader
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- NI 224 Spreader
- NI 245 Spreader
- NH 353 Spreader
- HM 1666 Spreader
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- 1257 Martin Spreader, Like New
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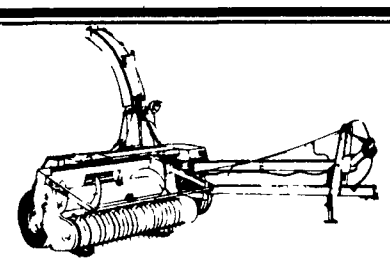

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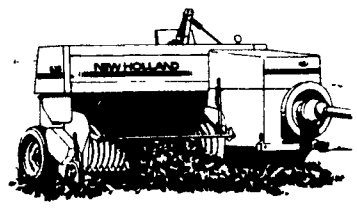

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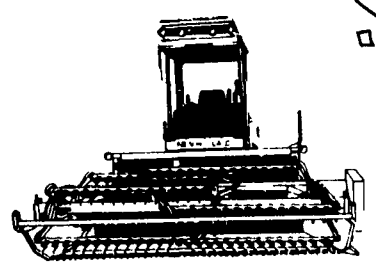

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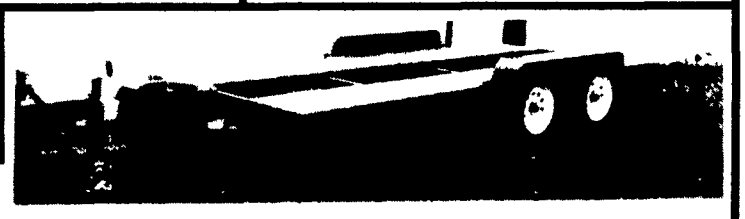

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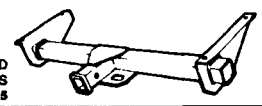

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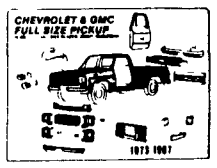

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JD 4020 WF	$ 8,495
Deutz DX6 30 MFWD w/Cab, Like New, 75 Hours	$33,900
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JD 1010 Field Cult, Like New	$ 1,850
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JD 6600 Combine (Parts)	$ 2,300
MF 410 w/Cornhead & Grain Platform	
JD 234 2 Row Cornhead	$ 100
JD 213 Flexhead Yellow Reel	$ 2,200
NI 844W Cornhead	$ 1,600
JD 444 Cornhead	

HAY EQUIPMENT

NH 411 Disc Bine	$ 6,985
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NI 555 Baler w/Thrower	$ 3,000
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Owatonna Haybine 9'	$ 400
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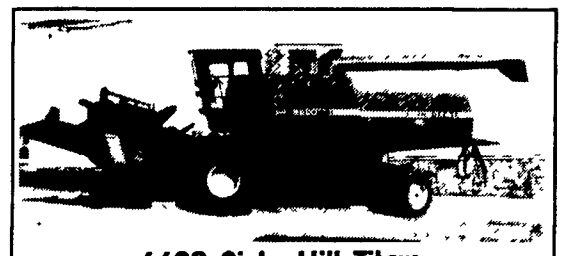

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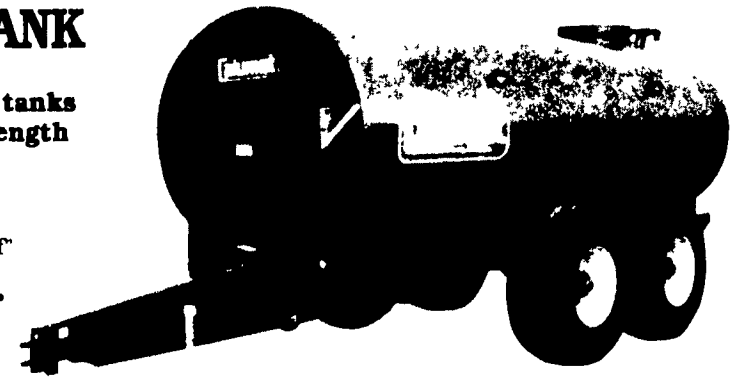
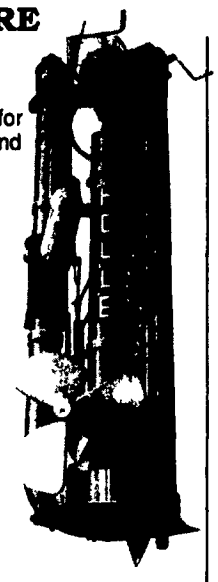
3750 GAL. SPREADER TANK

The solid name in liquid manure spreader tanks just got better. Better features, added strength and a better buy.



• Sizes from 2,250 to 5,000 gallons • "Stress Proof" spindles • Heavy Duty undercarriage •
• Choice of flotation tires • Fast, even unloading •
• Pull-type or truck mounted •
• Soil injectors available •

LIQUID MANURE PUMPS



- Available in 6 versions for inground or above ground tanks as well as lagoon storage areas.
- Excels as a stationary P.T.O. driven pump to agitate and transfer manure with straw and hay.
- Agitation-up to 18,000 G.P.M. with moveable propellor.

HOULE

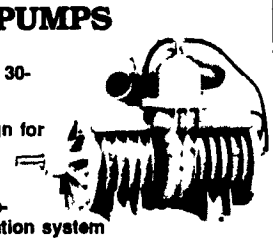
32' TRAIL PUMP FOR DEEP LAGOON

Fastest agitation by the nozzle located over the heavily settle manure.

Constant homogenization of bottom sediments by the propeller displacing up to 18000 G.P.M.

- Hydraulic hinged trailer frame mounted on flotation tires
- Possibility to maintain propeller at crust level
- Controls hydraulically operated from tractor seat
- **Horizontal nozzle operating radius:** 330°
- **Vertical nozzle use:** 60°
- Horizontal pump allowing to pump more slurry
- Filling pipe with standard tripod or with front tractor mounted stand for faster set up
- **Recommended HP:** 70 to 120 HP on 540 R P M — 150 H P. minimum on 1000 R P M

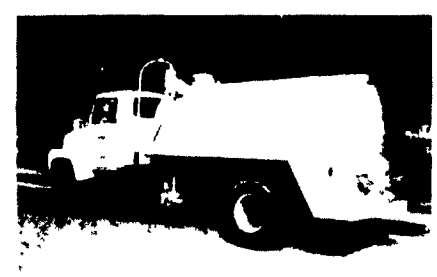
BATTIONI VACUUM PUMPS

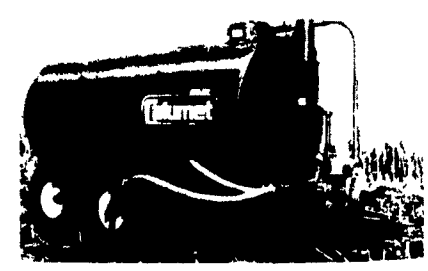


- **8 sizes from 30-240 C.F.M.**
- **7 vane design for efficient operation**
- **Positive automatic lubrication system**
- **"High heat" vane material**

Attention Custom Haulers: Call Us Today For Your Valve, Hose, and Fitting Needs

Calumet VACUUM TANKS





- Truck mount or trailer type
- 1500-5000 gallons
- 3", 4", or 6" outlets

N-TECH

Liquid Manure Equipment Also Available

Tanks & Pumps In Stock Ready For Delivery

June is Dairy Month

Salute to Dairymen

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Mifflinburg, PA
17844

SNOOK'S EQUIPMENT

Your Complete Liquid Manure Equipment Dealer For 18 Years!

Daily U.P.S. Parts Service
717-966-2736
Ask For Ernest or Dean

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — Hamburg, PA 19526

Phone Bus. 215-562-8377 — Home 215-562-5740

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines

JD 8820 4WD, Full Equip. w/220 Flex.

JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD 6620 LL, 1 Owner, Full Equipment, $25,000.

JD (77) 6600 Side Hill, Good Cond

(75) 6600 D Rotary Screen good

JD 6600 Gas w/443 Cornhead, As Is.

JD (77) 4400 D., C.A.

JD 4400 Gas, 13' grain.

IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.

MF 850, C A., Turbo, Hydro., w/17' Flex And 6R Cornhead

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

(77) MF 750, C.A., Turbo Hydro, Very Good

MF (76) 750 Cab, Air, Hydro

Gleaner F2 D, C A. w/13' Grain & 438 Corn, Nice

Gleaner F2 D C A. w/13' Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C.A. Hydro w/863 & 810 Grain.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl

IH 615 Combine, Gas w/810 10' Grain And 833 Corn Head, Good Cond.

IH 715 Gas w/Cab & 810 grain for $4,850.

NH TR70 C A. Hydro.

NI 702 & 705 Uni-Systems w/Full Eq; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds, NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435, JD 454 Row Crop Head.

IH 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

AC GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C H, F335.

MF 1163, 1144, 1143, 63, 44, 43, 24, 222, 422

NI 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.

NH 974 W4; NH 974 N4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

820 16½' Flex.

IH 810-13' Thru 17.5' w/ Reg. or Floating.

MF 10'-16' Reg. or Floating Bar; A.C. E10'.

NI 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Local Owner; JD 4650 C.A.P.S., Real Nice; '86 Model 4450, C.A.P.S., MFWD; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR, JD 4050, ROPS, Power Shift, JD 2950 C A., MFWD; JD 2950 MFWD w/Rollguard, New JD 2355; JD 2550 w/175 Loader, Like New, JD 8640 C.A., 3 Pt, PTO w/Duals; JD 4840 C.A.P S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals, JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 JD 4440 C.A.P.S.; 1982 JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440, ROPS, Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R.; JD 4240 C.A w/Creeper Trans; JD 4240, ROPS, QR; JD 2940 MFWD; JD 2940, Full Equipment; JD 2840 w/ROPS; JD 2840; JD 1982 2440 w/146 Loader; JD 2040; JD 6030 CA, Duals w/New Engine; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, C.A.Q.R.; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 C.A.Q R.; JD 4230 CA, Syncra Range, Nice; JD 4230 C A Q R; JD 4230 C.A.Q.R, As Is; 4430 ROPS, Syncro Range; JD 4030 Quad Range w/Cab; JD 4030 w/ Cab, Q.R.; JD 4030 w/158 Loader, 1000 Hrs. On Overhaul; JD 7520 C.A, 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320, Real Nice; JD 4320; JD (6) 4020's 1964-1972, JD 4020 S.C., WFE, 2 Hydraulics, Diff Lock, 4020 S C., W.F E, 4020 WF, Powershift, Orig. Paint, New 18.4x34's; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 402[SOLD] ls; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl, WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 4010 Diesel, As Is; JD 4010 Tricycle, Gas, w/ Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle, JD 3010 Gas; JD 3010 Gas, Tricycle; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 730 Dsl. w/3Pt., Good Cond.; JD 630, WFE, 3 Pt., Original; JD 620 Tricycle w/3 Pt.

IH 5488, C.A, MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 CA w/20 8-38 Duals; 5088 C.A. w/New 20.8x38 Radials; IH 5088 C.A.; 3588 2+2, C.A.; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; IH 1586 C.A. (Needs Trans. Work); IH 1486 CA; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS, 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; 1066 w/Yr. Round Cab, 1066 w/Yr. Round Cab, IH 1066 w/Duals; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/Cab, 1466, C.A., 1466 Fender; IH 966 w/2350; 966 Fender, F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 1026 Hydro; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/ Loader; F544 Dsl., Hydro., Good Cond.; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 444 U. Gas w/IH 1501 Loader; IH 504 Utility Dsl. w/IH 1501 Loader; Farmall 856 Dsl, Nice; 756 Dsl., WF; IH 656 Row Crop; IH 1206; F806 Dsl. w/2000 Loader; IH 706 Dsl. w/2000 Ldr.; Farmall 706D WFE, 3 Pt., (Needs Clutch); Farmall 706D, WF, Fast Hitch; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 450 Dsl.; Farmall 560 Dsl.; Farmall 460, Tricycle Gas w/Fast Hitch; Farmall 400 Tricycle w/PS And Loader; IH 350 w/Ldr.; Farmall 350 Tricycle w/PS, FH; Farmall 200; Farmall 100, Hi-Clearance w/Cultivators; Farmall 350 w/Fast Hitch, Very good Condition; Farmall 400; Farmall M; Farmall H; Farmall C; IH Super C w/Ldr. And Fast Hitch Equip.

AC 8070 C.A.P.S. w/Duals; AC 7030 Cab (Needs Tran[SOLD]work); AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; [SOLD]; AC 200 D original; AC 185; AC 170 Gas, WF, 3 Pt.; AC D17 Series IV D. 3 Pt., WFE; AC D21 Series 2.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz DX16[SOLD]MFWD.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 2294, C.A.P.S., 1600 Hrs., Like New; Case 2094 C A.P.S., MFWD; Case 2590, C.A.P.S., 20 8x42; ase 2390 C.A.P.S., Duals; Case 2290 C.A.P.S., MFWD, Like New; Case 2290 C.A.P.S.; Case 2090 C.A.P.S.; Case 2290, C A.P.S.; Case 1690 C.A., MFWD; Case 1690, C A.P.S.; Case 1390; 1983 Case 1290, MFWD w/Case 56 loader; Case 1370 C.A.P.S., 20.8x38 Duals; Case 970 ROPS; Case 970, Case 770 Gas w/Case Loader, Case [SOLD]eds Motor Work); Case 930 Standard D; Case 730 Gas w/3 Pt., WF.

MF 3545, C.A., MFWD; MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed, MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 w/Cab, 8 Spd; MF 1100; MF 1085; MF 285; MF 165 U. Gas; MF 165 Dsl., Multipower; MF 135 Dsl., w/Ldr.; MF 85 Dsl., Original; MF 65 [SOLD]as w/ Ldr.; MF 35; Ferguson 20 w/Ldr.

Ford TW30, C.A., MFWD; Ford TW30 C.A., Duals; Ford TW10, ROPS, Dual Power; Ford 7710 C.A., Nice; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 8000 (Needs Reverse); Ford 4000 Dsl., original paint; Ford 3000 w/PS w/ Ford 772 Ldr.; Ford 2000 Gas w/Ford Loader; Ford 9N.

Versatile 500 4WD, Full Equip.

WHITE 2-135, C A; White 2-105 w/Hiniker Cab, Good Cond.

OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 1755 dsl., wfe (needs clutch); Oliver 1655 D, WFE; Oliver 2050; MM G1000 Nice.

Steiger Bearcat 2 w/Duals & 3 Pt.

Tractors & Equip. Just Traded:

1988 JD 4850, C.A.P.S., 2WD, 3 Valves, 28.8x38 Duals, Like New; AC 7060, C.A.P.S.; IH #11 7 Shank Spring Reset V Ripper; JD 910 Front Mower; IH 510 18x7 DD Drill w/Grass Seed; AC 13' Chisel Plow; Hay Windrow Turner; Dunham Lehr 14' Cultimulcher; Deutz Allis 70 Discbine; IH 810 13' Grain Head; JD 1327 Discbine; White 5100 No-Till Planter; IH 826 Dsl., WF; Case Motor For 970; AC 180 Dsl.; IH 3588 2+2 (Needs TA); MF 1085 w/Cab (Needs Motor Work); JD 420, 400, 316 Mowers; JD 4430 Fender; JD 653 Row Crop Head; JD 3800 Chopper w/2 Heads; IH 720 5X On-Land, Martin 3400 Gal. Tank w/ Injectors; JD 8300 18x7 DD w/Grass Seed; Gleaner M w/15' Flex.

(NEW) NEW IDEA CORN PICKERS
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers
Below Dealer Cost
Dealers Welcome Also
NEW IDEA
Available Only From Stitzel's Financing Available

CORNPICKERS (4) (U ed) 325-2RN w/12 Roll Husker, Shellers & Super Shellers, NI 325 w/8 Roll Bed, (4) (Used) 324-2RW w/12 Roll Huskers, NI 324 Picker w/8 Roll Bed, Shellers & Super Shellers, NI 323 Picker, NI 330 3R Picker w/12 Roll Bed

New NI 329 Super Sheller List $6700 00, Special $3,550, NI 330 - 3 RN w/Supershellers, 325 2RN w/Grinder

PICKER JD 300 w/2R Corn Head, Real Good, NI 319 Mtd, NI 319 2 Row Mounted Picker w/12 Roll Bed

FORAGE EQUIP Forage Harvesters w/Choice of Heads

JD 3960 w/2 Heads, Full Equip, JD 3940 w/2 Heads, JD 3940 Chopper, JD 3800 w/2 Heads, JD 3800 Chopper, Hay Pick-Up, JD 3800 Harvester, w/2R Corn Head, JD 3960 w/3R Cornhead, JD 3960, JD 35 Chopper

NH 1890 4WD w/3 Row Auger Base & Hay P U, Good Cond, NH 900 Chopper, Like New, NH 900 Chopper; NH 892 Chopper w/824 Corn Head, Good Cond, NH 890 w/Electnc Controls, 2R Corn & Hay Pickup, NH 782 w/822 C H, NH 770 w/heads, NH 770 w/822 Cornhead, NH 718 w/1 Row Cornhead, NH open end hay pickup heads, 6', IH 830 Chopper w/2 Row And Hay P U, IH 830 w/3 Row Corn Head And 2 Row Snapper Head, IH 720 w/2R And Pickup, Good Cond, IH 781 Harvester w/2R Corn Head, Hay P U, And 2 Row Snapper

NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead

NI 708

MF 200 Chopper w/2R Cornhead, Hesston 7020 w/Hay Pick-Up

Fox Super D w/Cab 3R C H & PU

Gehl 1200 Chopper Elect Controls w/3R Corn Head And Pick-Up

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS NH 824 Corn Head, NH 717 S Direct-Cut for 770 & S717, 890 EN 2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU, NH 880 S Direct Cut, NH 890 N3 3R Corn, Incomplete, NH 974 4RN Corn Head w/Adapter Plate

JD 3R 36" Silage Head, J D 2 & 3R Snapper, 2 & 3 R Silage, Used 5½' and 7' Hay Pickups, JD 343 Cornhead w/Adapter Plate, JD 243 C H w/adapter plate, JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C H harvester adapter plates, JD 4RW Stalker Head

IH 830 3 Row 30" Cornhead, IH Direct Cut Head w/2RN & Hay PU for 650, NI 766 Hay PU, Gehl 2RN Corn Head, Gehl HA900 Hay Pickup

2 CSB 2RW - Snapper, 263-2 RW 109 Hay Pickup

BLOWERS Gehl 99 Blower, Farm hand Burr Mill Blower

FLAIL CHOPPERS NH 38 Flail Chopper, Nice, Used NH 38, JD 27 Stalk Shredder, NH 38 Flail, Good Condition

SILAGE WAGONS Kelly Ryan Dump Station, Richardton 1200 Side Dump Wagon, JD 716 Tandem Axle w/Roof, JD 716A Tandem w/ Roof

HAY EQ BALERS Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/ Thrower, Real Nice, JD 336 w/ Thrower JD 336 w/Thrower

NH 326 Baler, NH 326 w/70 Thrower, Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 320 Baler w/¾ Turn Chute, NH 315 w/70 Thrower; NH 315 w/Thrower, NH 315 w/70 Thrower, NH 310 Baler w/70 Thrower, NH 276 Baler, NH #75 Ejector, IH 445 Baler w/#15 Thrower; NH 849 Round Baler w/ Auto Wrap, NH 848 Round Baler w/Memory Wrap, NH 851 Rd, NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Hydr Wrap, Gehl 1460 Round Baler, Real Nice, Hesston 5400 Round Baler

RAKES.

NH 258 Rake, NH 259 Rake, NH 258 Rake, JD 640 Rake w/Dolly Wheel, New Grimm 4-Star Tedder, Kuhn 4 Star Tedder

HAYBINES (1982) NH 1495 D C A Hydro, 800 Hrs, NH 1495 Dsl, C A, Hydro, NH 1495 D Hydro w/Half Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing Haybine, Very Nice 495 NH 489 Haybine, Real Nice, (3) 489, NH 479, 47[SOLD]D 1219, JD 1209 JD 1327 Diskbine, Like New

New MC 7E, NI 272 and 279 Cutditioners, NH 1005 Bale Wagon

PLANTERS AC 333 6R No-Til Planter, JD 7000 8 Row Planter w/Dry Fert, JD 7000 6R Cons Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000 6R Cons Liquid w/No Till JD 7000 6R Conservation Dry Fert., JD 7000 6R Corn Planter, Dry Fert JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til JD 7000, 6RW Plate Planter, JD 7000 4R Consv, Dry Fert., 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4R Plate Planter, JD 7000 4R Planter, Dry Fert, Real Good, IH 800 4RN Liq Plate Planter, IH 56 4R Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, White 5400 6R Corn Planter, Dry Fert AC 600 4R No-Til Planter

DRILLS JD 8300 21x7 DD JD 8300 21x7 Single Disc Drill JD 8300 Drill 21x7 DD, JD 8250 18x7 DD w/Fert. & Grass Seed, JD 1500 3 Pt Power Drill, JD 9300 Tandem Drills, Moore 18x6 No-Til Drill Tye 24x6 Drill, IH 5100 21x7 DD w/Press Wheels, IH 5100 24x6 Single Disc w/Grass Seed, Like New, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc, (New) Brillion 10' Transport Seeder, Brillion 10' Transport Seeder

GRINDERS/MIXERS JD 750 Grinder Mixer w/Hay Feeder, Owatonna 450 w/Scales, Bearcat 1250, Roto Grind Tub Grinder

TILLAGE EQ PLOWS (New) Mohawk 10' Chisel Plow, Ford 2X Rollover; Ford 3X Plow, JD F325 4X, 3 Pt, Hydr Reset Plow, JD 4x16" Roll-Over Plow, JD 8450 4X Rollover Plow, IH 700 4X Reset, IH 700 4X Spring Reset Plow, JD 1450 5x18 Plow, JD 1450 6X, JD 2600 4X Trip Plow JD 2500 5x18" Spring Reset Plow, New Taylorway Pittsburgh 5X 18" Spring Reset, IH 710 5x18" On-Land Hitch Plow, IH 720 5X Toggle Trip Plow, Oliver 546 5X Trip Plow, Case 400 6X Spring Reset Plow IH 720 6x18 Plow, JD 1450 6X, IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, IH 720 6x18" On-Land Plow, White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset, White 549 5-6x18 Spring Reset, JD 2700 6X Plow, Case 400 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land JD 2800 8X Plow

CHISEL PLOWS Bush Hog 8', Glencoe 10' Pull Type Chisel Plow JD 1600, 12' Chisel, Brillion 12 Chisel Plow, Bush Hog 10 w/ Buster Bar, JD 1610 20 Fold Chisel Plow, Good Cond

DISCS JD 111 10' Disc Miller 9' Offset Disc, Bush Hog 245 1' Offset Disc, Miller 10 Offset Disc White 281 12' Offset Disc, IH 77 10 Offset Disk, Like New, IH 77 20' Hyd Fold Offset Disc, Case 14' Heavy Disc, JD 310 14' Disc, JD 210 13' Disc, JD 210 14' Disc, Real Nice, JD 215 Disc, Miller 12 Offset Disc, White 15' Offset Disk, IH 475 20' Hyd Fold Disc Case F21 21' Hyd Fold Disc, IH 475 20' Hyd Fold Disc, Dunham Lehr 34 20 Rock Flex Disc, Rhino F90B 22 Hy Fold Rock Flex, JD 230 24' Fold Disc, Good Cond, JD 230 23' Rock Flex Hyd Fold JD 230 24 Hyd Fold Disc

MULCH TILLERS. JD 1710 7 Tooth Mulch Tiller Glenco 7 Tooth Soil saver w/New Blades Landoll 7 tooth soil saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver, Rhino 890 5 Tooth 7 Soil Saver Like New, Landoll 20 Hyd. Fold Soil Saver

CULTIMULCHERS JD F950 12' Brillion 13' Rocker Harrow

CULTIVATORS. JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine, McKee 4 Row S-Tine Cultivator, (2) JD RG 4, JD & IH 6R 3 pt., JD 6 Row Cultivator, AC 6 Row S-Tine, Brillion 6 Row HD Cultivator w/8 Row Wings, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, Brillion 20' Hyd Fold Field Cultivator; White 283 20' Hyd Fold Harrow, Brillion 23' Hyd Fold Field Cultivator

MISC JD 400 - 15 Rotary Hoe Brillion 21' Hyd Fold Packer, Brillion 23' Fold Packer, Brillion 21' Fold Packer, Brillion 12 Packer, 5 Shank V-Ripper; Brillion 7 Shank V Ripper, IH 14 9 Shank Spring Reset V Ripper, Cole 4 Shank Reset Subsoiler

INDUSTRIAL IH 3444 Diesel Industrial Tractor Loader w/3 Pt And PTO, New Arps 740 3 Pt Backhoe MF 2200 Dsl Forklift, As Is

1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LR w/ ROPS, AC 715B L & B, JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader, JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS Bobcat 444, Bobcat 533 D Skid, Case 1740 Dsl Skid Loader, Ca[SOLD]Dsl, Case 1845 D Skid, (85) Case 1845 B Dsl, Ford CL 40 Skid Loader

LOADERS & BLADES JD 58, 145, 146 w/Grapple, 148, 260 280 IH 2455 Loader IH 2355, Like New IH 2350, 2250, 2000, Case IH #90 Ldr, Like New, Case 66 Loader, Farmhand #258 (JD 4230), Ford 720 Loader, Artsway HD loader for 4WD, Westendorf 64L, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, Leon 12' Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8 3 Pt Stone Rake, JD 155 9'

LAWN & GARDEN Farmall Cub w/ Cultivators, Cub Lowboy, Cub Cadet 582 w/Ldr And Mower, Farmall Cub w/Mower, Cub 184 w/Mower & Creeper Trans, Cub 185 Lo-Boy, Cub 154 Lo-Boy, With Creeper Trans, 154 Lo-Boy w/3 Pt, Cub 154 w/Ldr, Cub 154 w/Sickle Mower, Cub 154 w/ Blade, (3) Fa[SOLD]s w/ Mower, Cadet 782, 1100, MF 205 Ds[SOLD], JD [SOLD]w/ Front Mower, JD 430 Dsl w/ Mower, JD 400 w/Ldr And 3 Pt Woods Mower, JD 400 w/Mower, JD 318, 317, 214, 212 210, 160, JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series, Woods 306 Belly Mower, Like New, Woods 6' Belly Mower

New Yanmar YFL 1000 Ldr

ROTARY CUTTERS. JD 1508 Wing Cutter, Woods 10' Offset Cutter

MC 7' Heavy Duty Mott Mower Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS NH 450 3 Pt, NH 451

MANURE SPREADERS (New) Gehl 1460 Scavenger Spreader, New H&S #235 Single Axle Spreader, New H&S #310 Tandem Axle Spreader, NI 354 Tandem Spreader, NI 354 Tandem Spreader, Martin V3300 Tandem Tank, Martin Manure Auger 4 Shank Manure Injector

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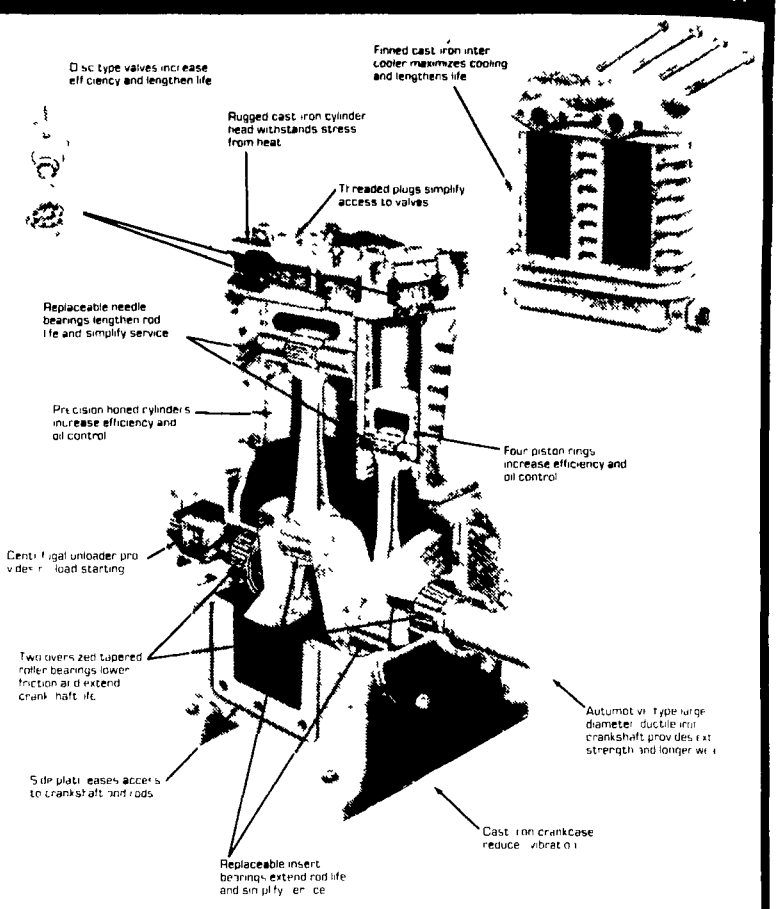
Disc type valves increase efficiency and lengthen life
Finned cast iron inter cooler maximizes cooling and lengthens life
Rugged cast iron cylinder head withstands stress from heat
Threaded plugs simplify access to valves
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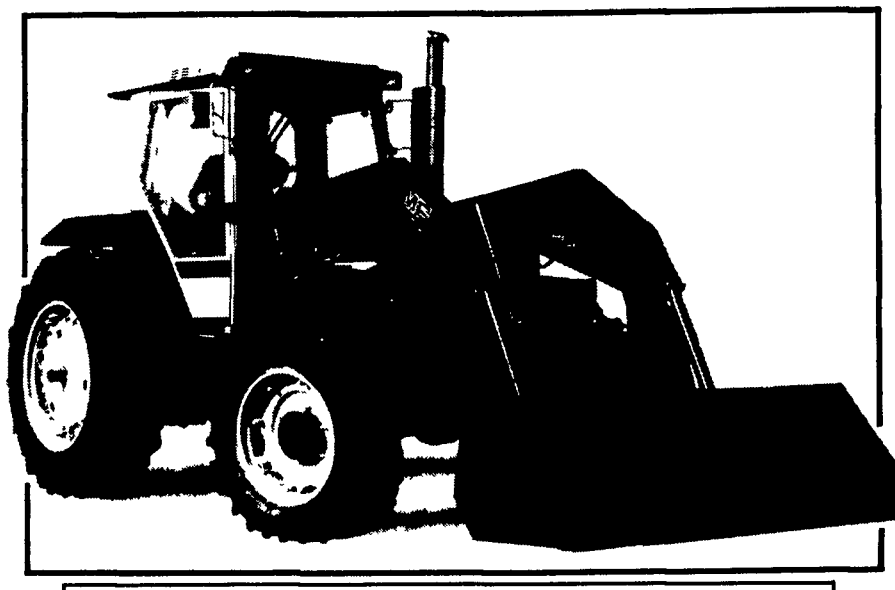

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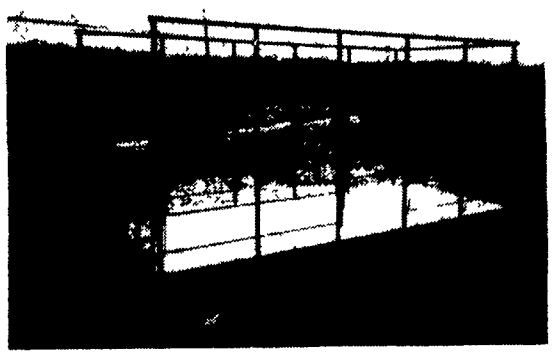

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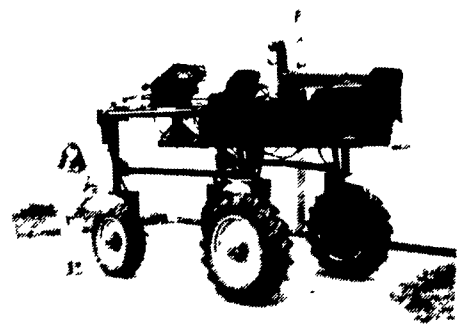

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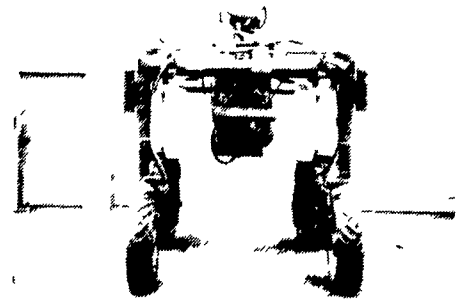

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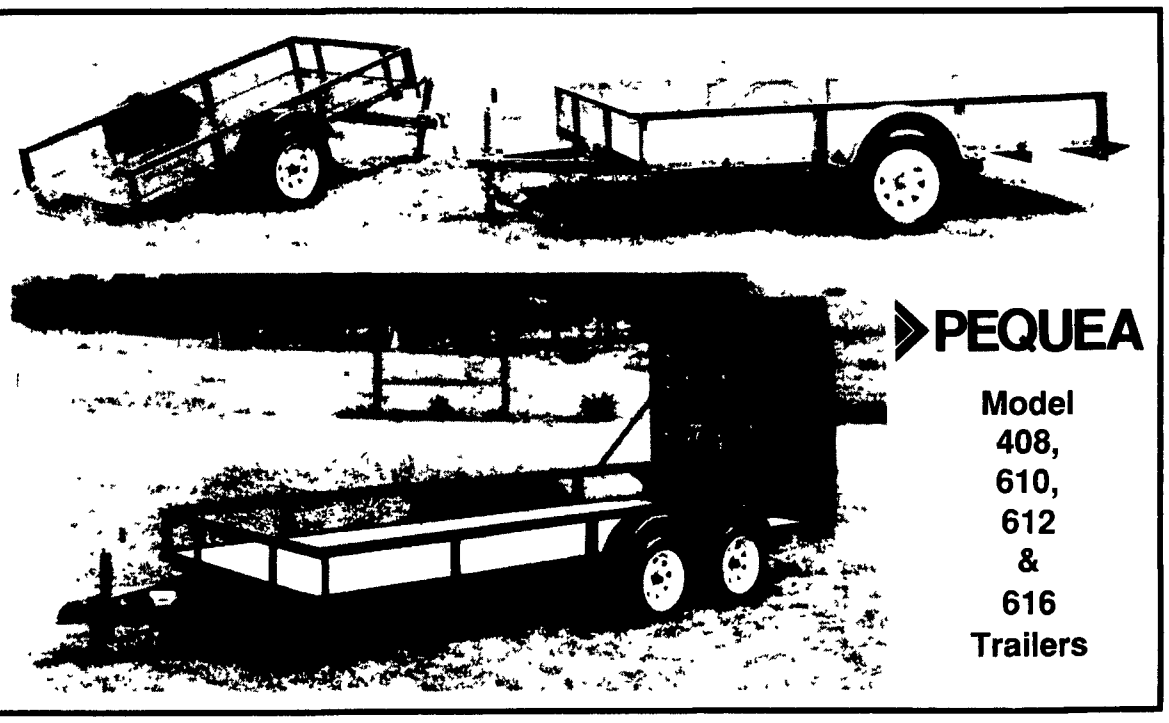

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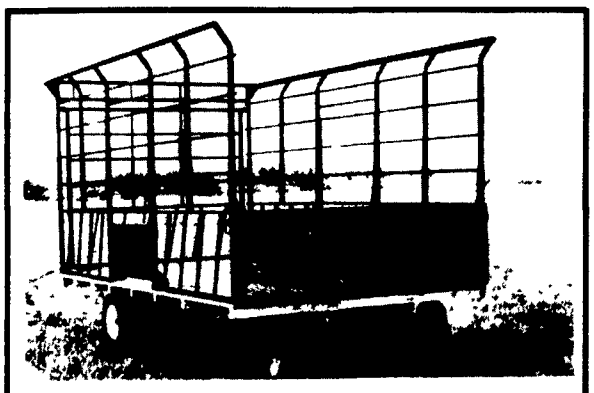

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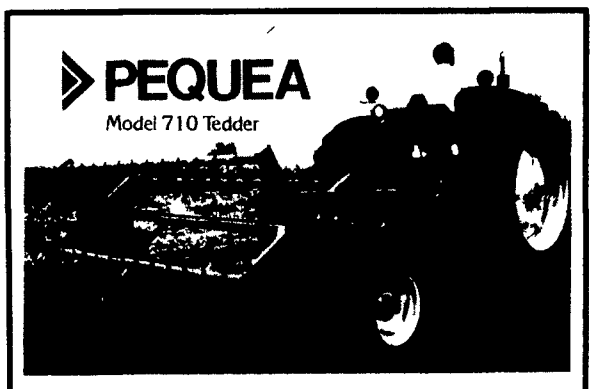

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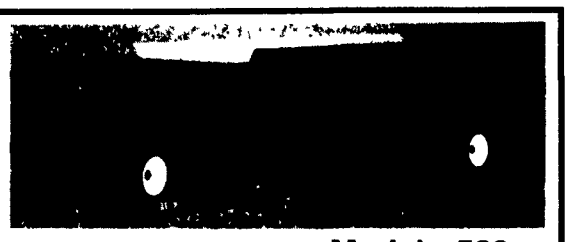

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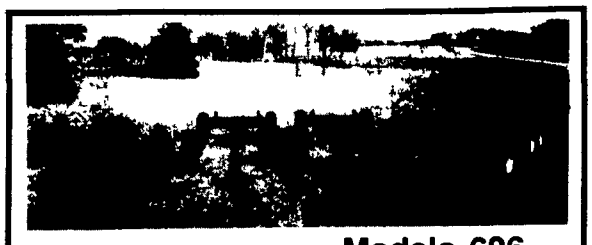

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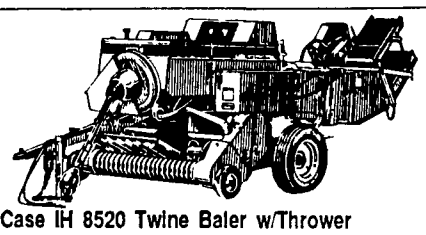

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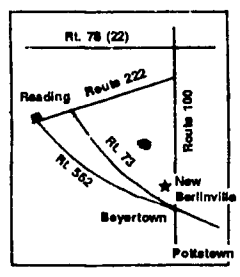

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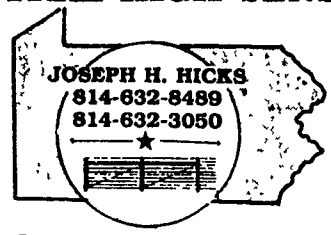

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Ford 7710, 2WD, Cab, Air, Dual Power, Syncro-Mesh, Deluxe Hyd. Package, 2400 Hrs., radial tires and weights, Excellent condition
Ford 6600 flat deck dsl., dual power, dual remotes and dual PTO, roll bar, canopy and weights, very nice tractor
Ford 6600 DSI. w/dual power, 38" tires, front weights, extra nice, clean tractor
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 3020 dsl, snycro, NF w/2 remotes
JD 3010 dsl., NF, very nice
White 2-135, 4WD, 1981 Model, Cab, Air, 2500 Hrs., front weights, 20x38 tires, excellent condition
White 2-85, Fender Tractor, 18.4x34 Tires, 3 Remotes, Over/Under, Very Nice
White 2-105, 2WD, Rollbar & Canopy, 2 remotes over/under, good cond.
IH 1066, 1975 w/cab & air, front & rear dual weights, SOLD remotes, extra nice tractor
IH 856 Dsl., WF, 3 pt., 2 remotes, weights, delux SOLD new TA & clutch, orig. and excel.
Case 830 Dsl. comfort king, very good condition
Case 1030 Del. comfort king, 2 remotes, very nice tractor, late model
AC D17, w/PS and AC trip bucket loader

USED PLANTERS AND DRILLS

JD 8350, 18 Single Disc, Seed, Grass Seed, Fert., Extra Nice
JD 7000 4R conservation, insect. boxes and monitor, excel. condition
JD 1240 4 row, plateless, w/DD openers, insect. boxes, monitor, excel. cond.
IH 56 4 row SOLD r, late model w/DD openers and monitor, excellent
Brillion 12' seeder, late model w/hyd. transport, excellent
IH #10 16 DD Grain drill, excellent
JD FBB 15 single disc drill, 3 compartments, like new

New Brillion 23' X-Fold Packer w/scrapers and cylinders, Special Price $5,950

USED PLOWS AND CHISELS

Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
JD 100 pull type chisel, 8 or 10 tooth
Ford 151 4x18 auto reset fully equipped, excel. cond. (same as White 508)
White 598 4X variable width plow, semi mounted autro reset
Oliver 4x16 Spring Auto Reset w/Coulters, Excel. Cond.
White 598 5x auto reset variable width w/coulters, very good cond.
White 508 5x16 au SOLD et w/coulters and gauge wheel, excel. cond.
Oliver 3x16 spring trip 3 pt. plow, w/coulters and cover boards, very good cond.
Oliver 548 5x16 auto reset w/coulters, very nice
JD 2800 4x variable width auto reset, fully equipped, excellent
Landoll 7 tooth soil saver, excellent cond.

USED DISCS AND HARROWS

IH 315 13' Cultimulcher w/inside wheels, very good cond.
JD 220, 20' Hydraulic Center Fold, Excellent Cond.
JD 230, 20' Hydraulic Wing Fold, 21" Blades, Tandem Wheels
White 265 10' plowing disc, very nice cond.
JD TWA 12' plowing disc, very nice
AC 2300 18' Hyd. wing finishing disc w/tandem wheels

USED FORAGE EQUIPMENT

Gehl CB1000 w/late model pu and corn head, electric controls, good cond.
Gehl CB800 w/hyd. sharpener, electric controls, very nice cond., choice of heads
Gehl CB700 w/2RN corn, 540 PTO, hyd. sharpener, good cond.
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
AC long hopper blower PTO driven, excellent
NH 770 w/2RN corn, 770W pickup, HD 540 PTO, very nice
NH 900 tandem, metal alert w/3 row auger base, package or 824 corn and 900W pickup, very good cond. w/new knives and shear bar, ready to work
IH 56 forage blower, very good condition

USED HAY EQUIPMENT

NH 495 12' Haybine, excel.
NH 256 Rake, very nice

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl 3RN late model, good cond.
Gehl 2RN Head, excellent
Gehl TR30 38 late model 2R adj. cornhead
Gehl 6' open end pickup w/doily wheels
NH 1 row corn head, fits 717 or 770
NH 770W hay pickup head, excellent

LOADERS

JD 148 Loader w/Heavy Duty Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Lamco 2 beater, no roof
Lamco 2 beater, RH unload
Artsway Dion, 3 beater w/roof, 12 ton tandem excellent
NH #8 3 beater w/roof, tandem running gear, like new

CORN PICKERS

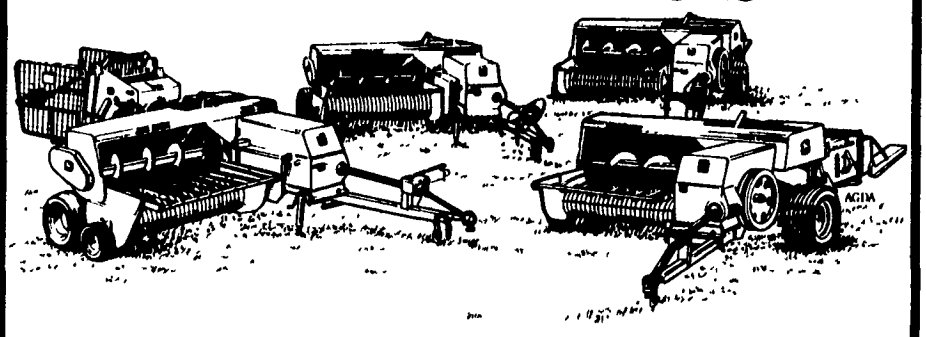
JD 300 Husker w/2RN Or 2RW Head
NI 325, 2RN, 12 Roll Bed
NI 323, 1 Row

MISCELLANEOUS

NH 679 Tandem Axle Spreader w/gate
MF 410 Combine 13' Hume reel, cab & air, extra nice
JD 18x38 axle mount duals
JD 244 2RW snapper head w/forage harvester adapter plate
IH 16x38 axle mount duals

JOHN DEERE

SEE '8' SERIES BALERS MAKE BALES YOU STACK LIKE BRICKS



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- John Deere '8' Series Baler knotters adjust to different twines and crops. Easy to service, too
- Exclusive hay control features produce dense bales that stack like bricks
- Three 14x18-inch models, one 16x18-inch model

JOHN DEERE

MAXIMIZER™ COMBINES: SEE HOW THEY'RE 'DELIVERING ON A PROMISE'

Good dealin' today

- 167-, 200- and 253-horsepower John Deere combines
- Increased productivity, better quality grain and more of it
- Quadra-Flo™ cleaning system provides extra cleaning capacity
- Centered cab with top comfort and convenience...low maintenance features...and more!
- Stop in today!

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SAFETY live with it

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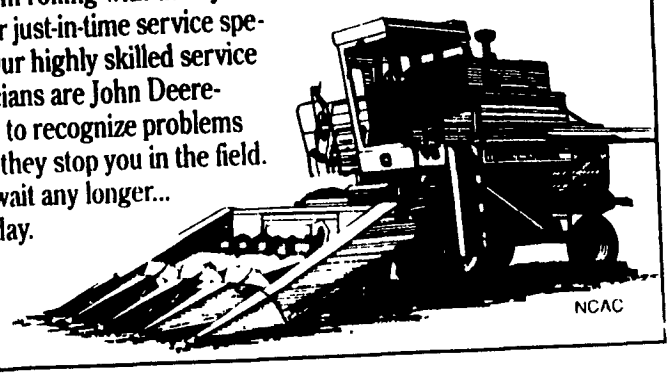
Keep Those Combines Rolling

Keep 'em rolling with timely service. And our just-in-time service specials. Our highly skilled service technicians are John Deere-trained to recognize problems before they stop you in the field. Don't wait any longer... call today.



JOHN DEERE

NCAC

Where Every Part Delivers It All

Beat the Harvest Rush

Get your John Deere combine ready to roll now, avoid downtime and worry later. We have special preseason prices on all the harvesting parts you need—sections, complete knives, bearings, belts, chains, rasp bars, fingers and filters.

PCAC

Rasp Bars
Perfectly matched to the cylinder of your John Deere combine. Always delivered in balanced pairs. Made of long wearing, hardened steel. Also available with chrome surface.
as low as: $56.83
Part No. AH75125

Quick-kit
Conversion kit makes in-field repair faster, easier. Replaces riveted sections with Dura-Cut™ bolt-on sections in six-foot increments. Kit contains all necessary parts. Throw away your riveting tools forever!
$53.64
Part No. AH132804

Litening Bolt™ Sectional Knife
Lap-jointed for strong hold and fast assembly. Allows reuse of head on existing bolted knives. Fits most 200 and 900 series platforms.
As Low As $76.65
AH132652

You'll like our preseason parts prices.

New Equipment - Ready To Go...

- JD 4455 Tractor
- JD 4555 Tractor
- JD 7200 6-Row Conservation Planter
- JD 750 No-Till Drill

DRILLS & PLANTERS

JD 8300, 42x7, Tandem Drill
JD 8350, 21x7 Grain Drill w/Fertilizer And Grass Seed
Lilliston 9680 No-Till Drill w/Grass Seed
JD 7200, 12-Row Conservation w/Liquid Fert.
JD 7000, 12-Row Conservation w/Liquid Fert.
JD 7000, 6-Row Conservation w/Liquid Fert.

HAY EQUIPMENT

JD 1219 Mower Conditioner

COMBINES

New 9400 In Stock
Used 6620 Titan, Level Land
Used 6620 Titan, Side Hill
Used 6600, 1978 Side Hill

We Ship Parts Same Day To Your Farm!

LEHIGH AG EQUIPMENT, INC.

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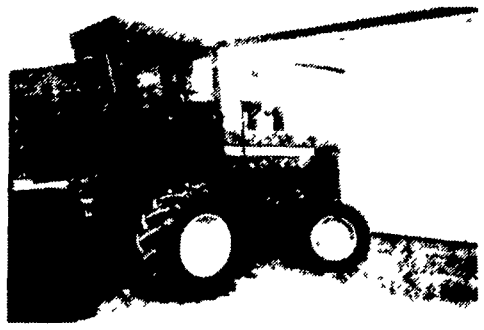

JD 5400 4WD, Immaculate
$25,500
Larry Stalter "The Chopper Man"
1-800-248-2151

JD 4000 Dsl. Tractor w/new radial tires, excellent
(717) 626-7419

Engine Parts — Gaskets
Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding
Spring Garden Repair
RD 1, Box 204
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NH Feed Mixer With Roskamp Roller Mill, Digital Scale, Capacity 4500 Lbs.
$4,500

100 Lb. Burlap Bags, Used 1 Time, Approx, 4,000
$.30/ea.
215-593-5345

EDWIN HORNING & SONS FARM MACHINERY

248 Meadow Valley Road
Ephrata, PA 17522
(717) 733-7408

TRACTORS

JD 4440 cab and air, PS, 20.38 tires, nice $19,800
JD 2750 diesel, nice original $12,500
Gehl 3510 Skid Loader $3,950
Mustang 445 gas, skid loader, hydro, nice $3,800
JD 4430 Diesel, SGB, air, quad range, dual hydraulics, 18.4x38 tires, nice $13,900
JD 2940 Diesel, HI-LO, indp. PTO, 16.9x38 tires $11,500
JD 260 self leveling loader w/valve to fit JD 2940 SOLD $2,500
MF 165 Dsl. $3,500

FORAGE EQUIPMENT

JD 16A flail chopper, 6' $550
NH 7' Auger base pickup $2,200
Hesston 7010 blower
NH 25 blower $400
Badger 2000 Harvester w/2 row corn head $650
NI 323 Corn Picker, good condition $2,200

TILLAGE EQUIPMENT

Kewanee disc wing 14' $1,000
Brillion 12' packer $875
Westco 4R cultivator SOLD $850
AC 8R Rolling cult. $900
JD 2600 Plow 5x18 Variable Width, Spring Reset $3,500
JD 210 Disc, 14' tandem wheels $1,800
Farm Hand cultivator SOLD, nice $950
JD 8350 drill 21x7 d.d. press wheels $2,750
Noble 7 shank sub soiler 3 pt, trip shank SOLD $2,200
Glencoe fld. cult., SOLD del $850
IH 450 3x16 plow spring reset $1,200
Brillion 12' cultimulcher $2,200
White 348 3x16 plow, spring reset $1,850
7R soybean cult., SOLD, S tine $950
JD AW disc 9' $950
White 252 disc 11' $900
JD 7000, 4x30 corn planter, insectide, liquid fertilizer $2,950

MISCELLANEOUS

Hedlund Martin lagoon pump $1,800
NH 355 grinder/mixer w/folding auger $2,800
JD 700 grinder/mixer w/scales $2,850
NH #90 bale handler, 3 pt $450

HAY EQUIP.

NH 848 round bale SOLD $6,200
JD 640 rake $950
Kuhn 4 Star tedder $975
NH 311 baler with bale chute $4,800
NH 855 round baler $5,200
NH 315 baler w/70 thrower $3,500
NH 276 baler w/chute $1,800
NH 256 Rake $1,350
JD 1207 hay mow/cond. 7' $2,200
NH 316 baler w/75 ejector, elec. controls, nice $5,900
JD 1209 mow/cond. hydra tongue $2,400
NH 489 haybine $3,200
NH 273 baler w/#70 thrower $1,950
NH 489 haybine $3,500
NH 311 baler w/70 thrower, nice $5,300
NH 472, haybine SOLD $3,500
NH 276 baler w/#70 thrower $2,850
NH 276 baler w/#58 thrower $2,850
NH 316 baler w/7 SOLD er $4,800
NH 479 haybine $2,400
NH 660 rake w/dolly wheel, nice $1,850
NH 1495 S.P. haybine, diesel, cab, air, hydro., yellow hood $11,500
JD 307 Rotary Mower, 6' $500
JD 1207 Hay Conditioner, 7' $1,850

MANURE SPREADERS

Int. 175 spreaders, 2 btr. $950

All Combines Sold—
Free Parts For One Season
If In Our Parts Lot.

Dismantling For Parts:

Combines
Cultivators
Discs
Drill
Harvesters
Haybines
Mowers
Pickers
Planters
Plows
Spreader
Tractors

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD. 7720, 7700, 6620, 6600, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33. NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle

Financing or Lease Available

COMBINES
55 To Choose From

JD 7700 diesel gear w/heads
JD 6620 hydro, diesel, level land
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
1978 JD 6600 sidehill diesel gear drive w/heads 4200 hrs, cheap
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea
JD 4400 diesel w/grain head, $6,950
JD 6600, diesel, hydro w/heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 55 sq back w/grain head & 30" 3R corn
Late JD 45 S/B w/10' gr and cab
AC FKS dsl w/heads $7000
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
(2) AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel hydro, real nice
AC F diesel, new motor w/heads
AC F diesel, choice of heads
AC G w/grain & 6R 30" & 4R 38" head, real nice
AC M gear diesel w/heads
Gleaner E 10' grain
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 410 diesel quick tach w/ heads
Massey 60 w/10' grain
MF 750 hydro, turbo diesel w/ grain, choice of 6R 30" or 4R 38"
MF 510 diesel, hydro w/heads
MF 510 diesel w/heads, real low hours, excellent
MF 410 dsl., hydro w/heads
MF 300 diesel, quick tach w/ heads
MF 35 SP w/8' grain & 2R corn
MF 35 S/P w/8' grain head
(2) IH 80 pull type PTO, bin
IH 82 pull type, PTO, bin, nice
IH 91 8' grain
IH 93 w/10' head, nice
IH 93 w/10' grain & 2R corn, $2500
IH 315 hydro w/grain
IH 715 diesel, 310 German eng w/heads
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 915 low profile diesel hydro, real nice
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/late heads
NH TR70 Ford diesel, choice of heads
NH TR70 Cat diesel, 4 row 30", 13' grain
NI 708 hydro diesel w/717 combine & corn husker & 4R 30" corn head, 1 owner, 2100 hrs.

TRACTORS

VAC Case utility
DC Case w/Case loader
DC Case, $975
Cat 933 F series crawler loader
MM 335 w/snow plow
Case 700 D 3 pt.
Case SC w/loader, nice
Ford Major diesel, backhoe & loader, $2950
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 560 D NF
IH 450 G P/S, fast hitch, nice
JD 3020 D gear, NF
JD 2010 gas 3PT
(3) JD A late models
JD LA w/plow and cultivator
AC 190 XT diesel
AC WD, gas
AC C w/side mid mower
AC HD5 diesel crawler loader
AC C w/cultivator
Farmall 460 gas, WF, nice
Farmall 656 gas, NF, nice
Farmall Super A w/IH 100 side mounted mower
Farmall Super MTA
1939 Farmall H, $1175
Farmall Super MTA
Farmall H
Late Farmall M - farm trade
Farmall F14, 2 w/mounted plow
Oliver 1600 gas
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver crawler w/roll guard
IH 504, power steering, 3PT
C Allis w/belly mower
Ferguson 30, 3PT, $1,950
Super C w/fast hitch
Owatonna Mustang 1700, Ford gas, hyd 2 buckets, $3,000

LOADERS

AC fits D19
AC fits D17
(3) Fords w/hyd bucket
Snow blades for loader or front mounted
IH fits Super M
IH 2000 series hydraulic bucket, dirt & fork off of IH 806, $1500
JD 46 loader
JD 146 off JD 3020, $1600
Late Oliver White w/wide bucket
NI w/wide bucket

MISC.

IH 1150 grinder mixer, $2275
MF S disk drill
Kalbros 350 gravity box
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
(2) JD 350 3PT mower
New Case backhoe loader bucket
Case 3PT
IH & JD mowers
Heavy duty gravity wagon
50' Westfield auger PTO elevator like new
DMC model 44, 4x4 high cap grain cleaner dual screen on wheels, like new
24' skeleton bale elevator, $250
20' grain or feed elevator, $250

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
Ford 6' pull type
3 pt. 6, 7 & 8'
Also pull types
Rotary mower
Brillion 6' pull type
Ford 7' 3PT
IH 14' flail stalk cutter
IH 3PT belt drive
NEW 11' rotary mowers HD up to 125 HP

HAYBINES & RAKES

Late NH 488 9', nice
JD 640 w/dolly wheels
Late JD 1209 hyd tongue
JD 1209 9'
NH 474 7'
NH 256 rake
(2) IH 225 gas, SP w/cab
(2) IH 990 9'
2 Hesston 1010 10' hydro swing
Bale wagons w/steel racks, $1250 each
(2) NH 495 12' 1600 & 3200

GOOD RUNNING MOTORS

Tractors: JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 1010. IH 1068, 966, 856, 806, 756, 706, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M AC: D17, D19, WD, WC, XT 190, 210, 220, CA, C Case: 530, 300 Ford 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC: L, M2, F, C2, G, E MF. 760, 775, 510, 410, 300

CORN PLANTERS & DRILLS

IH 400 air, 6R 30" no-till, nice
IH 400, air, 4R 38"
(3) IH 56 plate 4R 38"
IH 10 single disk, red
IH 620 bean drill double disk w/ press wheels
IH 510 13' angle disk
IH 10 16 single disk white
JD 8300 D dsl. disc plain gr., nice
JD 1240 plateless 4R 38"
JD 1240 4R 30" plateless
JD 494A 4R plate 30"
JD FBB17 double disk
AC 600 4R air no-till w/monitor, nice

SPREADERS

NI 214 w/gate
NI 3800 series, auger side throw, 1600 gal, tandem axle, real nice, $4500

SAFEMARK DEALER

PLOWS

(2) IH 2B 14" drag plows
3B 16" & 3B 14" drag plow
IH 3 bottom 16 3PT
IH 4B 14" fast hitch SOLD
4B 14" drag plows
IH fast hitch 3 bottom 16" semi, excellent
IH 550 16" B, excellent
(2) IH 540 4B 16", nice
IH 710 spring reset
IH 710 spring reset w/rake
IH 700 5x16 trip
IH 700 5x16, auto reset, $2500
IH 700 5x16, auto reset, $2450
IH 700 5x16 semi, $1350
IH 650 6x16 semi, $1200
IH 3PT 3x16, $525
JD 1450 5 bottom 18"
JD 1450 4 bottom 18"
JD 1450 4B 18" hillside hitch, extra nice
JD 1450 5B 16" hillside, excellent
JD 1450 5B 16" hillside hitch, excellent
JD 1450 5 bot. 16" hillside hitch, nice
JD 2500 5B 18" spring reset
JD 2600 5B 20", nice
JD 1450 6 bot. 18" or 5 bot 18" w/hillside hitch
(2) JD 2500 5 bot. 18" spring reset
JD 2500 6 bot. 18" spring reset
JD 3PT 3x14, $325
JD 5x16 semi, $1350
JD 5x16 semi, $585
JD F-145 5x16 semi, $600
AC 3x16 semi trip
AC late moto frame 6 bottom 16", nice
JD 4x14 semi, $675
IH 5x16 semi 550, $675
Oliver 6x16 on land, $1450
JD 4x14 3PT, $425
Oliver 3x16 pin trip, $375
Massey 10 tooth chisel plow
White 8 tooth chisel plow
Kewanee 3PT 8' chisel

BALERS

NH 847 round baler, 4' bale
NH 852 round baler auto wrap
NH 273 w/thrower
NH Super 68 w/chute, $500
JD 410 round baler 4' bales, nice
IH 45, nice, $200
Hesston 5600 round baler, $3975

CULTIVATORS

IH 3 pt 6R
JD 4R tool bar cultivator, $375
Late JD 6 or 8R cultivator
Late IH 6R
JD 6R

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

DISC HARROWS

JD 310 double offset
JD 210 black gang
JD TWA plowing disc, $2850
JD 12' roller harrow, $1375
JD 8' wheel type, $650
JD 8' wheel type, $600
14' JD wheel disk
14' JD 210 disk, black gang
JD 210 12', black gang
Case 8' wheel type, $575
22' IH 490 winged disk
IH 500 HD 14'
IH 500 HD 13', $3500
IH 12' roller harrow, used very little
IH 315 12' roller harrow
IH 37 13'
Athens 12' wheel disc, $1575
12' Taylorway HD disk
12' BWA HD disk
Bush Hog 16' wing
Bush Hog 12' offset
Kewanee 15' wing
Brillion 10' wheel harrow, $575
White 265 10'
(4) 7-8 ft. drag discs
AC HD 12'
Ford 12' offset HD

CORN PICKERS

NI 310 1R 1550
NI 325 2R 30"
Late NI 323
(3) NI 323 1R
(2) NI 10 1R
(4) NI 324 2R, 38"
(2) NI 325 2R, 30"
NI 325 2R 30" w/12 roll bed
NI 319 2R mt.
Farmall 460 gas w/IH mt
JD 300 w/choice of 2R 30" or 2R 38" or 3R 30" heads

HARVESTERS & UNLOADING WAGONS

Gehl 6' flail chopper
NH 890 w/2R 30" & pickup
NH 880 w/2R head nice
NH 770 w/2R head
(2) NH 33 flail chopper
NH 36 flail chopper
NH 27 blower
JD 60 blower, nice $350
JD 38 w/pickup
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
JD 16A 6' flail chopper, excellent
(3) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
Kaster, 3 beater w/roof, same as IH, next to new
IH 720 w/2R head
IH 550 w/heads
(2) IH 550, 2R, & pickup, $500
IH 7 flail chopper
IH 5 cut & throw chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/pickup
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon
Badger 3 beater tandem w/roof, $3200

WIDE FRONT ENDS & DUAL WHEELS

IH C 200 230
WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256 AC D19 Ford: 5000, 6000 MM G1000. Oliver: 66, 77, 88

EXTRA CORN HEADS & GRAIN HEADS

DISMANTLING TRACTORS FOR PARTS

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD. M, 4020 dsl., 4010, 3020 dsl, 3010, 2020 dsl, 2010, 720, 70, 60, 50, A, B. AC: 5050, 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 300, DC, SC, VAC. Ford: 6000, 5000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N. Ford major. Oliver: OC3 Crawler, 1800, 880, 770, 88, 77, 70, 66, 60 MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. New Field & 345 Leyland, gas track crane w/boom for parts.

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Halifax, PA 17032 Rt. 225; 20 mi. north of Hbg.

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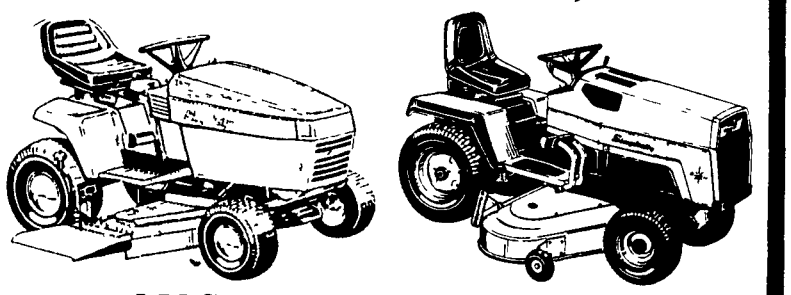
NO MONTHLY PAYMENTS & 0% INTEREST TILL JANUARY, 1992



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Case 586C.....$18,500

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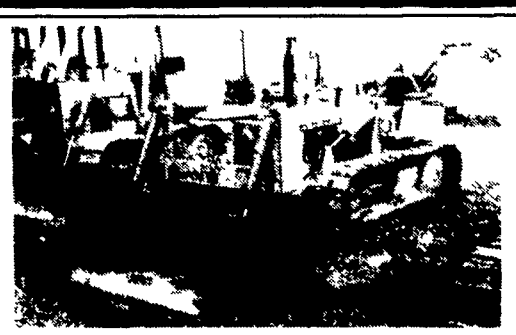

International 500 Diesel Dozer/Loader 6 Way Blade, Like New Loader Bucket, Power Take Off, Runs Good.
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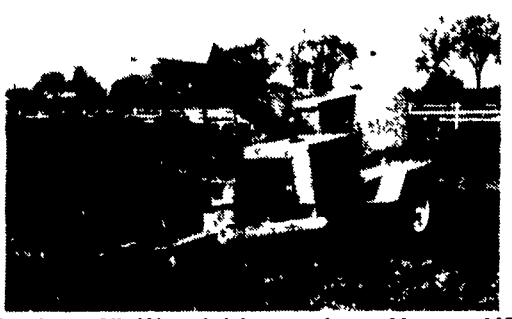

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Krause 30' Field Cultivator Spring Shanks, 5 bar heavy duty spike buster bar, tandems all the way across (it will hold depth on chisel plow) $9,850;

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1a CONSTRUCTION EQUIPMENT

1985 Timberjack 240, 4 cylinder Detroit, 30,000-lb winch, low hours 717/532-8814

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Low Hours
$10,000
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Currently Available:
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If Your Silo Needs New Life...
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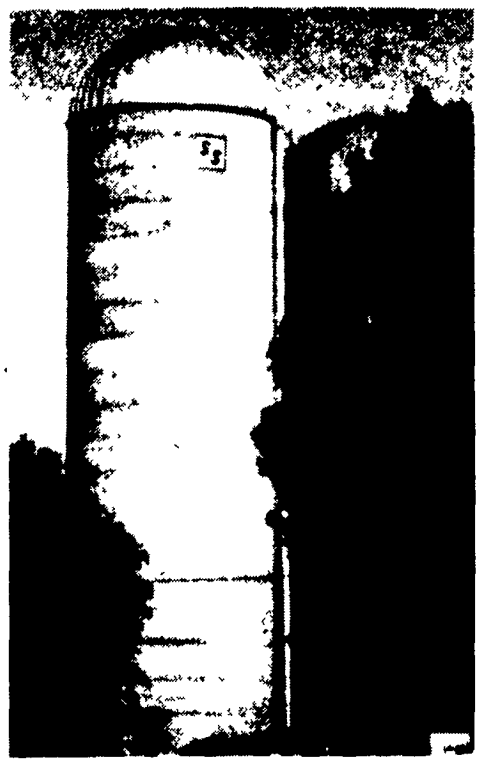

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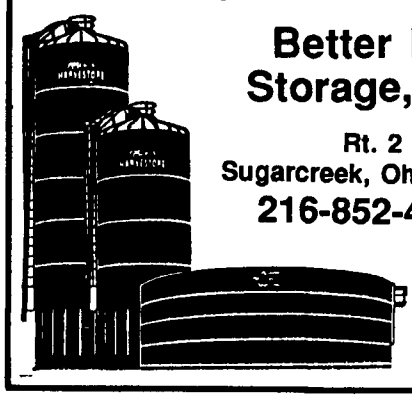

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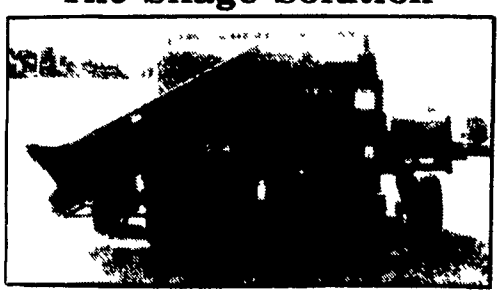

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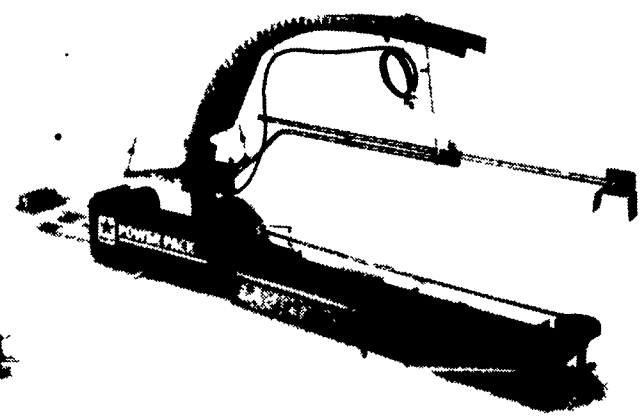
Not affiliated with A.O. Smith Harvestore Products, Inc.

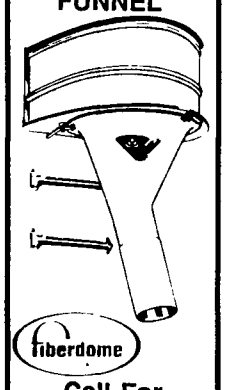
Starline's® SURFACE DRIVE UNLOADER



Feature By Feature, You'll Find This Unloader Beats Them All!

JUNE DAIRY MONTH SPECIALS

FIBERGLASS FUNNEL



Call For Special Price

USED 36" VENT-O-MATIC FAN

10% CASH DISCOUNT
REPLACEMENT DISTRIBUTORS AND GOOSENECKS FOR SEALED SILOS & SILO PIPEWORK

USED 16 FT. VAN DALE SILO UNLOADER, LIKE NEW

RISSLER TMR MIXERS

Full Line Parts Department For Starline

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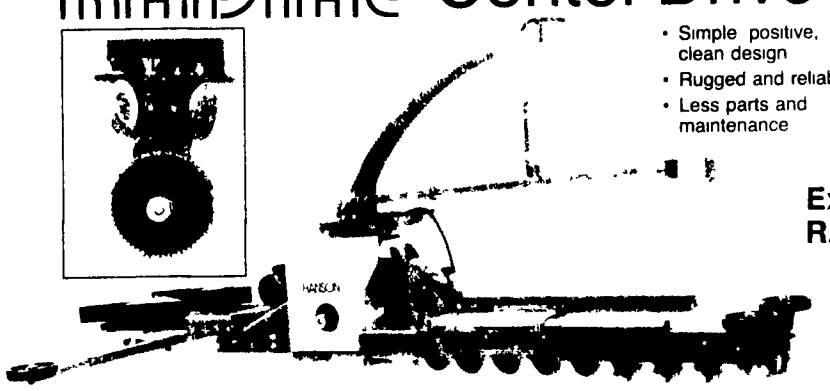
RADIAL™ Center Drive Unloader



- Simple positive, clean design
- Rugged and reliable
- Less parts and maintenance
- Easy to service
- No right angle gear boxes or universal joints
- Cost effective

Experience the RADIAL Difference

HANSON SILO COMPANY
There is a difference

The RADIAL difference!

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Art Shane - area representative
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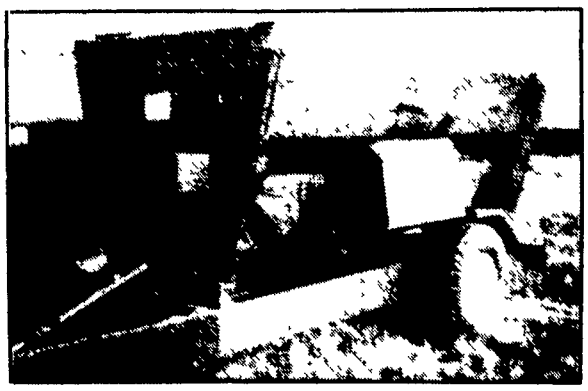
JUNE DAIRY MONTH SPECIALS
USED EQUIPMENT



- 1 - 2840 Oswalt Trailer Mixer
- 1 - 230 Oswalt Trailer Mixer (Demo Unit)
- 1 - 180 Oswalt Trailer Mixer
- 1 - 12' N-Tech Vertical Pump w/Hydraulic Controls
- 1 - 10' N-Tech Electric Pump w/2-10 HP Motors

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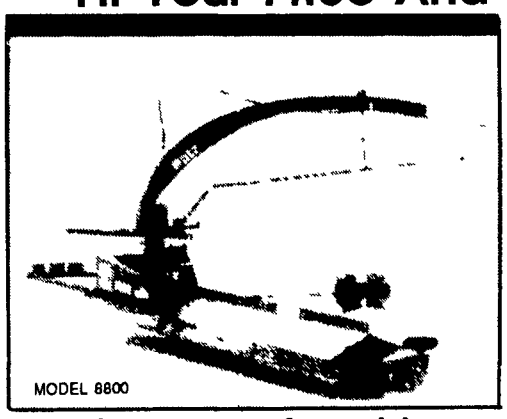
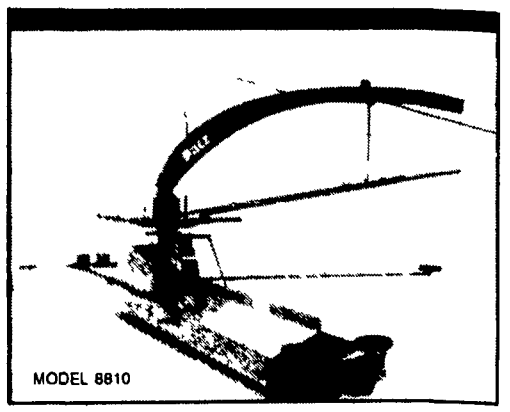
UPS

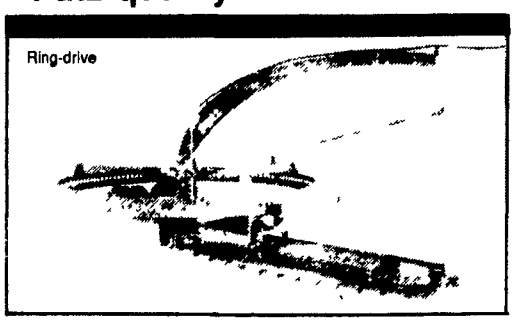
Patz - The Only Manufacturer Of Augers And Chain That Feature 4 Silo Unloaders To Fit Your Price And Performance Needs



Dual-auger surface-drive silo unloader with Patz quality



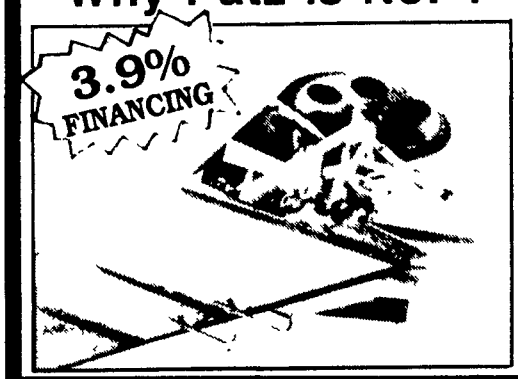
Dual-auger center-drive silo unloader with Patz quality



RD-820 RING-DRIVE SILO UNLOADER
Both silo unloaders have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.

98B SURFACE-DRIVE SILO UNLOADER

Why Patz is No. 1

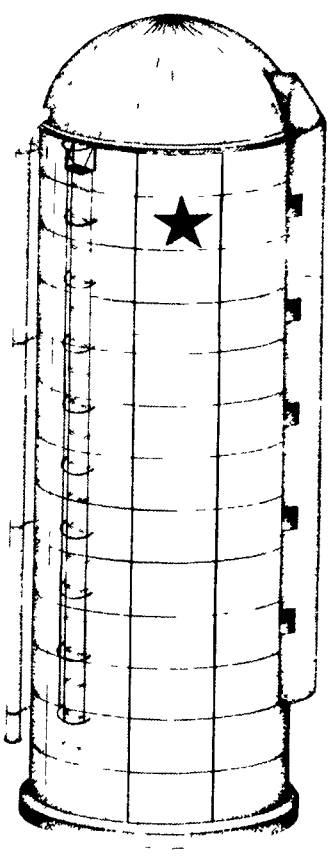


- Durable Patz hook-and-eye link chain Progression forging builds extra strength into hook-and-eye link contact points Final heat treating increases hardness, strength and wear resistance
- Four-tooth sprocket drives every link behind the hook--the link's thickest and strongest point
- Chain flexibility for various layouts
- Select 2" flites for solid manure or 4" high flites for slurry manure ¼ -inch-thick flilte are welded to Patz links ½ -inch-thick wear shoes extend flite life
- Three drive unit sizes match your gutter length and allow expansion
- Corner wheel top-and-bottom flanges guide the chain around the corner Corner wheel assemblies remove easily for service without concrete breakout
- Heavier XH link available for extremely long pulls

Patz

★ STAR SILOS ★

...Committed to superior performance in Forage Management Systems.



- Energy-Pak Bottom Unloading With Little David Ring Drive Unloaders
- Star "Toppers"
- Precast & Poured Manure Storage Structures - SCS Approved
- Precast Feed Bunk & Cattle Guards
- Service & Equipment Dealers

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VAN DALE

- **Van Dale Products**
  - CD 3000 Ring Drive Silo Unloaders - Featuring The Duraglide Impeller System
  - Silo Unloaders 10'-30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain, Belt
- **Van Dale T.M.R. Oribt Tumble Mixers**
  - Specializing In Rebuilt Van Dale 4 Auger Mixer-Feeders Including Trailelrs, Stationaries And Truck Mounts - 40 Cows to 400 Cows
- **Lancaster Level-Flo Fill Pipe & Spreaders**
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler • Centrifugal
  - Lagoon Pump
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Fickes Stave Silo - Top and Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾ " Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Vaughan Chopper Pumps**
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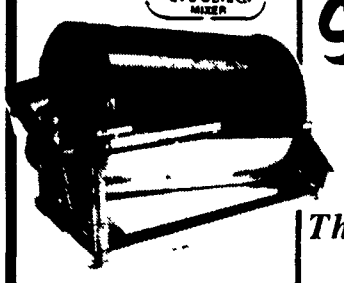
Silo-Matic

T.M.R. MIXER

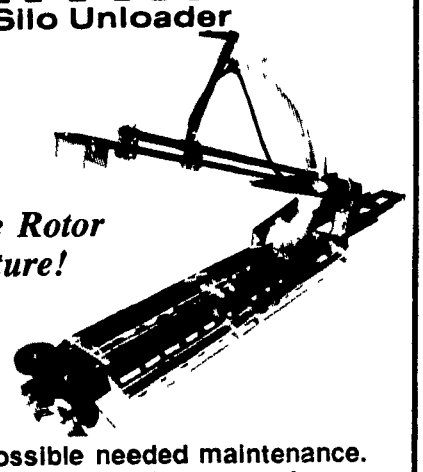


"TOTAL MIXED RATION" With TUMBLE MIX ROTATION

- Low Maintenance
- 7 Different Sizes
- Low Power Requirements
- Long-Lasting Stainless Steel Barrel
- Beam Scale System

Silo-Matic's
NEW STAR ATTRACTION
Silo-Matic® GEMINI II
Silo Unloader

- 26 Inch Stainless Steel Rotor Housing With 4 Stainless Steel Parts



The Unloader With the Rotor Housing Of The Future!

- NOTICE - ALL SILO OWNERS

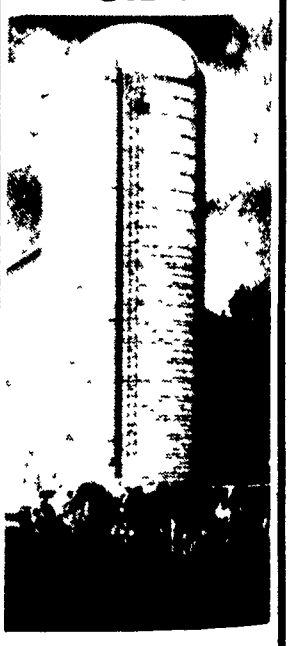
Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE. Please call for an inspection and estimate.

FICKES SILO COMPANY
NEWVILLE, PENNA. 17241

SILO UNLOADERS Silo-Matic® FEEDING SYSTEMS

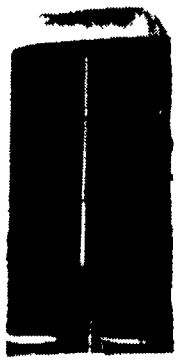
(717) 776-3129

FICKES SILO



USED SILOS
2 - 20x60
Other Sizes Available

UNADILLA WOOD SILOS
Sales & Service
Leasing Available



- Silo Roofing
- Wooden Silo Liners
- Distributors and Pipes
- Wood Feed Carts
- Hay Racks
- Silo Homes
- Used Silos When Available
- 12" Goosenecks Installed On Sealed Silos

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Eliminate storage losses and have a silage that's the most palatable and packed with nutrients!

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- ★ Bagging Machines (New and Used) (Starting as low as $6500)
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★ Truck Or Wagon Unloading Baggers Available To Rent

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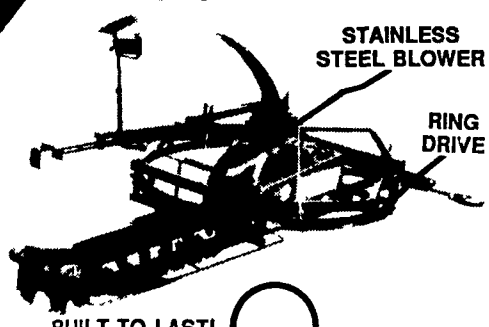
PARTS IN STOCK

THIS IS THE BEST HAYLAGE SILO UNLOADER THAT MONEY CAN BUY!

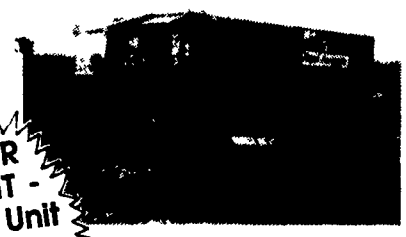


BUILT TO LAST!

Truckload Prices Effective Now On Hanson Ring Drive Only

HANSON SILO COMPANY
There is a difference

KNIGHT **Reel Auggie**
2000 Series
A new concept in TMR Mixers



FOR RENT - Tow Unit Demo In Stock!

There Are Many Advantages Of The Reel Auggie Design

Turns Long Stem Hay Into A TMR Ration!

8% FINANCING AVAILABLE ON TMR MIXER PURHCASE - CALL FOR DETAILS!

JUNE DAIRY MONTH SPECIALS

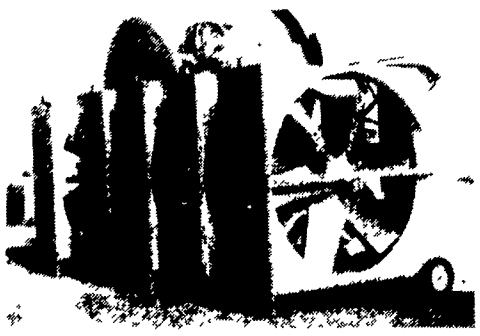
JUNE Dairy MONTH

BIG 10% CASH DISCOUNTS

PAUL B. Zimmerman INC.

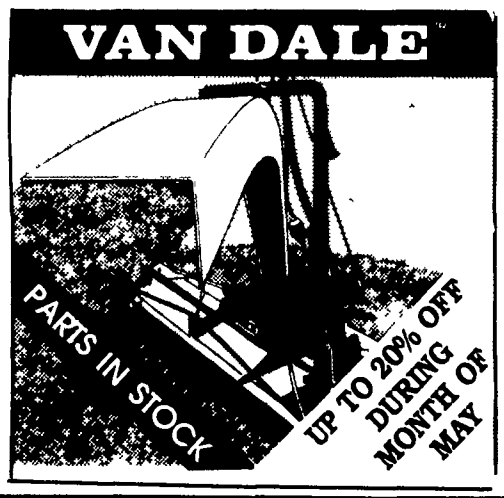
STEEL BARN EQUIPMENT

VENTILATE YOUR COW BARN



With This 48 Inch, 6 Blade Fan. Gas, Electric Or Hydraulic Motors Are Available.

VAN DALE



- Used 24x50 Silo, Good Cond., w/Van Dale Unloader **$4,500**
- Used NH 1000 RPM Blower **$1,000**
- 14' & 16' Used Van Dale Magnum Unloaders, Rebuilt
- (2) Used 14x55 Silos..... **$11,000 Each, Erected**
- Farm Gates in stock 4 ft. - 16 ft.

LOOP STALLS

- * Super Tough Finish
- * Protection From Rust & Corrosion
- * Superior Electrical Insulation
- * Chip Resistant
- * Resists Acid & Chemicals
- * Smoother Finish Stays Cleaner

Zimmerman Loop Stalls Are Constructed Of:

- * Spray Arc Transfer Method Used On Welds
- * 2 3/8" Outside Diameter High Yield Steel Tubing With A 12 Ga. (.108) Wall

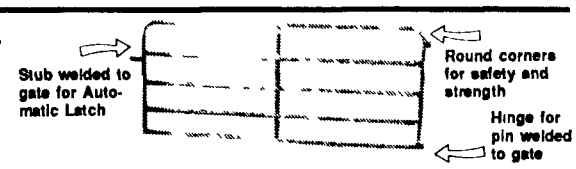
All Loop Stalls Are Coated With Baked on Top Grade Polyester TGIC Powder Coating After Fabrication

---

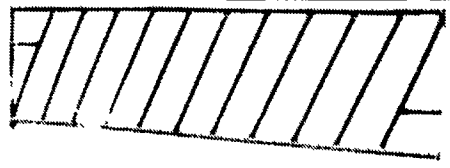
GATES and FENCING

Standard Heights For Gates & Fencing:

- 38" High - 4 Bar
- 48" High - 5 Bar
- 54" High - 6 Bar



All Gates & Fencing Made Of 1.9" Outside Diameter High Yield Steel Tubing With 13 Ga. Wall

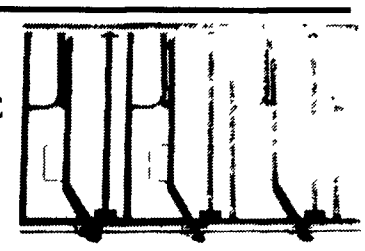


SLANT BAR FEED THRU FENCE
Custom Built To Any Length

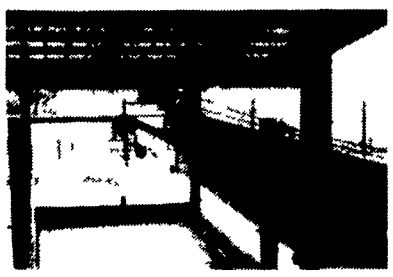
HEADLOCKS

THREE SIZES AVAILABLE

SMALL - For Calves Up To 15 Mo.
ADJUSTABLE - For Heifers & Cows 8 Mo. And Older (Pictured)
LARGE - For Cows 15 Mo. & Older



***Lancaster* BRAND FEEDING SYSTEM EQUIPMENT**



***Lancaster* BELT FEEDER AND "NEW" *Lancaster* CONVEYOR.** Modern dairy and beef feedlots can be automated with the use of bunk feeders using belt feeder units Corn silage haylage high moisture corn and other feed material can be distributed quietly evenly and with no separation A traveling plow unit places the feed directly to the center of the bunk trough Simple operation and very low horsepower requirements make this *Lancaster* belt feeder popular with dairy and beef operators Rubber belt and wooden trough design—keeps silage from contacting or corroding metal

---

WARNING! DETERIORATING CONCRETE FROM CORN JUICE!

WARNING, ALL SILO OWNERS!

Check your silo now for rotten staves. If you have been using your silo for 10 to 15 years for either corn silage or haylage, it is time to SHOTCRETE.

Call Us For Your Complete Heifer And Dairy Barn System Needs!

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CAN PURINA HELP YOU MAKE MORE MILK?

Here are some results from dairymen who started feeding a high energy concentrate from Purina Mills.

Milking 30 Cows			Milking 33 Cows			Milking 38 Cows		
Started Feeding Purina	4-90		Started Feeding Purina	7-90		Started Feeding Purina	3-90	
Herd Average 4-90	18,370	692	Herd Average 7-90	18,781	707	Herd Average 3-90	19,250	703
Current Herd Average	20,599	726	Current Average	20,870	728	Current Average	20,271	722
Increase	+2,229	+34	Increase	+2,011	+19	Increase	+409	+6
Milking 45 Cows			Milking 34 Cows			Milking 50 Cows		
Started Feeding Purina	1-90		Started Feeding Purina	7-90		Started Feeding Purina	2-91	
Herd Average 1-90	21,774	804	Herd Average 7-90	19,303	724	Herd Average 2-91	20,229	708
Current Average	22,669	820	Current Average	20,247	703	Current Average	[illegible]	714
Increase	+895	+16	Increase	+944	-19	Increase	[illegible]	[illegible]
Milking 39 Cows			Milking 65 Cows			Milking 35 Cows		
Started Feeding Purina	6-90		Started Feeding Purina	12-90		Started Feeding Purina	3-90	
Herd Average 6-90	15,831	593	Herd Average 12-90	18,625	698	Herd Average 3-90	18,108	637
Current Herd Average	17,469	610	Current Average	19,366	720	Current Average	19,305	646
Increase	+1,638	+17	Increase	+741	+22	Increase	+1,197	+9
Milking 40 Cows			Milking 38 Cows			Milking 42 Cows		
Started Feeding Purina	4-90		Started Feeding Purina	4-90		Started Feeding Purina	5-90	
Herd Average 4-90	17,058	594	Herd Average 4-90	17,761	651	Herd Average 5-90	16,641	636
Current Average	20,109	677	Current Average	19,710	709	Current Average	17,947	649
Increase	+3,051	+83	Increase	+1,949	+58	Increase	+1,306	+13

The average milk increase on R.H.A. Is 1450 Lbs. Per Herd.

Call Your Local Purina Dealer Or Dairy Specialist Today To Learn What We Can Do For Your Herd.

Contact Your Purina Dealer Today

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